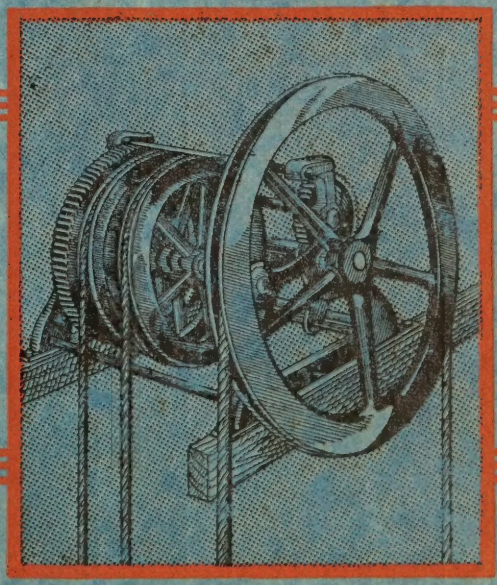
AIA File 33

SEDGWICK

DUMB WAITERS AND ELEVATORS



SEDGWICK
MACHINE WORKS
NEW YORK

Chart of Suggested Uses for Sedgwick Dumb Waiters and Elevators

TYPE OF BUILDING	SERVICE			SUITABLE TYPE OF EQUIPMENT	CONVENIENT SIZE		Complete Details Catalog "R" see page	TYPE OF BUILDING
	Kind of Loads	Average Weight	Capacity Weight		CAR Width Depth	* SHAFT Width Depth		
APARTMENT	Groceries, Meat, and other Deliveries. Removal of Garbage and Waste	Up to 35 lbs.	100 lbs.	Automatic Brake Dumb Waiter	24″ x 20″ or 28″ x 24″	29″ x 23″ or 33″ x 27″ Number of Dumb Waiters installed depends upon size and arrangement	6	APARTMENT
	Private Residential Service in Duplex and Triplex Apartments	Up to 35 lbs.	100 lbs.	Automatic Brake Dumb Waiter	24″ x 20″	29″ x 23″	6	
	Food Supplies, Orders, and Dishes in Apartment Restaurant Service	Up to 75 lbs.	200 lbs.	Geared Automatic Brake Dumb Waiter	28″ x 24″	33″ x 27″	8	
	Ashes and Refuse	500 lbs.	1000 lbs.	Sidewalk Elevator	48″ x 48″	62″ x 50″	33	
BAKERY	Barrels and Bags of Flour and Sugar, other Supplies, Racks and Trays of Bake Products	Up to 150 lbs.	400 lbs.	Compound Geared Band Brake Dumb Waiter	36″ x 36″	42½″ x 39″	12	BAKERY
	Pastry and Bake Goods to Retail Store	Up to 75 lbs.	150 lbs.	Geared Automatic Brake Dumb Waiter	28″ x 24″	33″ x 27″	8	
	Food Supplies in bulk, Flour, Sugar, Butter, Ice, Boxes, Crates and Refuse	500 lbs.	1500 lbs.	Sidewalk Elevator	48″ x 48″	62″ x 50″	33	
BANK	Checks, Letters, Memos, Reports, Statements	1 lb.	5 lbs.	Tube Dumb Waiter (Not enclosed) Rapid Dumb Waiter (In a shaft)	12″ x 10″ 16″ x 12″	18″ x 12″ 21″ x 15″	15	BANK
	Ledgers, Stationery Supplies, Office machines, etc.	Up to 50 lbs.	150 lbs.	Geared Automatic Brake Dumb Waiter	32″ x 24″	37″ x 27″	8	
	Coin trucks, Records and File Buses	Up to 150 lbs.	400 lbs.	Compound Geared Automatic Brake Dumb Waiter	28″ x 36″	34½″ x 39″	12	
	Trunks, Storage articles, Ashes, Stationery Supplies	400 lbs.	1500 lbs.	Sidewalk Elevator	48″ x 48″	62″ x 50″	33	
	Fuel, Logs, Wood, Coal	150 lbs.	300 lbs.	Log Lift	52″ x 26″	60″ x 28″	21	
	Occasional Ash Cans	75 lbs.	100 lbs.	Ash Crane		36″ x 36″	35	
CHURCH	Food and Dish Service in Parish Houses and Auditoriums	Up to 75 lbs.	200 lbs.	Geared Automatic Brake Dumb Waiter	28″ x 24″ Two or more Dumb Waiters often installed to facilitate prompt service to gatherings	33″ x 27″	8	CHURCH
	Occasional Ash Cans	75 lbs.	100 lbs.	Ash Crane		36″ x 36″	35	
CLUB AND FRATERNAL	Food and Dish Service	Up to 75 lbs.	200 lbs.	Geared Automatic Brake Dumb Waiter	28″ x 24″ Two or more Dumb Waiters often installed to facilitate prompt service	33″ x 27″	8	CLUB AND FRATERNAL
COLLEGE AND BOARDING SCHOOL	Food service, Linen, Laundry, Garbage, Waste	Up to 75 lbs.	200 lbs.	Geared Automatic Brake Dumb Waiter	28″ x 24″	33″ x 27″	8	COLLEGE AND BOARDING SCHOOL
	Trunks, Furniture, Laundry, Trucks, Hampers, Supplies	300 lbs.	1000 lbs.	Trunk Lift	48″ x 48″	55″ x 52″	26	
DRUG STORE	Prescriptions, Bottles, Packages, Orders, Stock and Supplies	Up to 25 lbs.	50 lbs.	Automatic Brake Dumb Waiter	20″ x 16″	25″ x 19″	6	DRUG STORE
	Fountain Supplies, Syrup, Ice Cream, Cake, Pastry and Sandwiches	Up to 25 lbs.	50 lbs.	Automatic Brake Under Counter Dumb Waiter	28″ x 16″	33″ x 18″	16	
	Crates, Boxes, Merchandise, Food and Fountain Supplies, Ashes, Garbage, Waste	300 lbs.	1500 lbs.	Sidewalk Elevator	48″ x 48″	62″ x 50″	33	
DEPARTMENT STORE	Packages, Stock, Supplies	Up to 75 lbs.	200 lbs.	Geared Automatic Brake Dumb Waiter	28″ x 24″	33″ x 27″	8	DEPARTMENT STORE
	Order slips, Cash, Checks, Letters	5 lbs.	10 lbs.	Tube Dumb Waiter	12″ x 10″	18″ x 12″	15	
	Stock and Shipments in bulk, Fixtures, Furniture	500 lbs.	1500 lbs.	Freight Elevator	60″ x 60″	74″ x 64″	22	
FACTORY	Products and Supplies	Up to 75 lbs.	200 lbs.	Geared Automatic or Band Brake Dumb Waiter	28″ x 24″ or 32″ x 28″	33″ x 27″ 37″ x 31″	8	FACTORY
	Food and Dish Service in Restaurant use	Up to 75 lbs.	200 lbs.	Geared Automatic Brake Dumb Waiter	28″ x 24″	33″ x 27″	8	
FIVE AND TEN CENT STORE	Stock Supplies, Soda Fountain Service	50 lbs.	200 lbs.	Geared Automatic Brake Dumb Waiter	28″ x 24″	33″ x 27″	8	FIVE AND TEN CENT STORE
	Soda Fountain and Counter Service	50 lbs.	150 lbs.	Geared Automatic Brake Under Counter Dumb Waiter	20″ x 16″	25″ x 18″	16	
	Counter Supplies	25 lbs.	50 lbs.	Automatic Brake Under Counter Dumb Waiter	24″ x 20″	29″ x 22″	16	
	Merchandise in bulk, Boxes, Crates, Ashes	500 lbs.	1500 lbs.	Sidewalk Elevator	60″ x 60″	74″ x 62″	33	
GARAGE AND AUTO SUPPLY STATION	Repair parts, batteries and Supplies	Up to 100 lbs.	200 lbs.	Geared Band Brake Dumb Waiter	28″ x 24″	33″ x 27″	11	GARAGE AND AUTO SUPPLY STATION
	Tires, Pumps and Hand Trucks	Up to 150 lbs.	300 lbs.	Compound Geared Band Brake Dumb Waiter	36″ x 36″	42½″ x 39″	12	
	Oil Barrels	300 lbs.	750 lbs.	Freight Elevator	42″ x 42″	53″ x 46″	22	
HOSPITAL	Food Service and Trays to various floors and Diet Kitchens	Up to 75 lbs.	200 lbs.	Geared Automatic Brake Dumb Waiter	28″ x 24″ or 24″ x 20″	33″ x 27″ 29″ x 23″	8	HOSPITAL
	Food Supplies in bulk, Food and Medicine Trucks	150 lbs.	400 lbs.	Compound Geared Automatic Brake Dumb Waiter	36″ x 36″	42½″ x 39″	12	
	Specimens, Medicine Bottles, Surgical Instruments	Up to 25 lbs.	50 lbs.	Automatic Brake Dumb Waiter	20″ x 16″	25″ x 19″	6	
	Patient on Stretcher, Nurse and Attendant	550 lbs.	1000 lbs.	Hospital Elevator	54″ x 84″	64″ x 87″	32	
	Laundry, Hampers, Trucks	300 lbs.	1000 lbs.	Freight Elevator	60″ x 48″	74″ x 52″	22	
HOTEL (See also Restaurant)	Food and Dish Service in Restaurant or Cafeteria	Up to 75 lbs.	200 lbs.	Geared Automatic Brake Dumb Waiter	28″ x 24″ Two or more Dumb Waiters often installed to facilitate service	33″ x 27″	8	HOTEL (See also Restaurant)
	Food and other Supplies in bulk from storage	150 lbs.	400 lbs.	Compound Geared Automatic Brake Dumb Waiter	36″ x 36″	42½″ x 39″	12	
	Trunks and Luggage	300 lbs.	1000 lbs.	Freight Elevator	48″ x 48″	60″ x 52″	22	
INSTITUTIONAL HOME	Food service, Laundry, Linen, Garbage, Waste	Up to 75 lbs.	200 lbs.	Geared Automatic Brake Dumb Waiter	28″ x 24″	33″ x 27″	8	INSTITUTIONAL HOME
	Trunks, Furniture, Laundry trucks, Hampers, Supplies	300 lbs.	1000 lbs.	Trunk Lift	48″ x 48″	55″ x 52″	26	
	Ashes, Waste and Refuse	500 lbs.	1000 lbs.	Sidewalk Elevator	48″ x 48″	62″ x 50″	33	
	Occasional Ash Cans	75 lbs.	100 lbs.	Ash Crane		36″ x 36″	35	

(Continued on back cover.)

SEDGWICK

DUMB WAITERS AND ELEVATORS

CATALOG "R"

IN this catalog we have endeavored to present information of interest and service regarding the leading types and arrangements of Sedgwick Dumb Waiters and Elevators.

In addition to the outfits illustrated, we have special descriptive matter on — Dumb Waiters (*all types*), Brass Tube Dumb Waiters, Outdoor Dumb Waiters, Under Counter Dumb Waiters, Residence Dumb Waiters and Elevators, Restaurant Dumb Waiters and Elevators, Freight Elevators, Hospital Elevators, Invalid Elevators, Fuel Lifts, Gravity Drops, etc., etc., any or all of which will be sent on request.

We have also thousands of drawings showing outfits designed for special conditions and requirements.

If, therefore, you do not find in this catalog exactly what you desire, we hope that you will give us the details of your requirements and we will submit complete blue prints, specifications and recommendations. *Refer to Index on Last Page.*

SEDGWICK
MACHINE WORKS
150 West Fifteenth Street
NEW YORK

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Printed in U. S. A.

HISTORICAL

TWO hundred and eighty-seven years ago, in 1643, General Robert Sedgwick and John Winthrop, Jr., established the first furnace and iron works in America at Lynn, Massachusetts.*

For ten generations the Sedgwicks have continued in the craft, devising and fashioning from metal and wood those machines and mechanical devices which have contributed so largely to the wonderful progress of the United States, handing down from father to son the skill and experience accumulated during more than two and a half centuries of conscientious effort.

In 1844, Charles Henry Sedgwick, whose likeness from an old photograph is reproduced on this page, and who was the seventh direct descendant of General Robert Sedgwick, brought the business to Poughkeepsie, New York, our present location.

In 1893, Alonzo Sedgwick, son of Charles Henry Sedgwick, associated with Justus Ingersoll Wakelee, erected a new plant and concentrated their united energies on the manufacture of Hand Power Elevators and Dumb Waiters.

Charles Henry Sedgwick

The business was incorporated September 1, 1913, under the laws of the State of New York, with Justus Ingersoll Wakelee as President and General Manager, and Dwight Robert Sedgwick, son of Alonzo Sedgwick, as Treasurer and Factory Manager.

In 1925, Dwight Robert Sedgwick was elected President to fill the vacancy caused by the death of Justus Ingersoll Wakelee. Horace Wright Yarrington became Secretary, and Justus Ingersoll Wakelee, Jr., Vice-President and Treasurer.

*Harper's Encyclopaedia of United States History

INTRODUCTION

SATISFACTORY results from the installation of Hand Power Elevators and Dumb Waiters depend upon the selection of outfits suitable to the conditions and requirements, and upon proper installation.

We are, and for nearly forty years have been, specialists in the design, manufacture and installation of Hand Power Dumb Waiters and Elevators; we invite correspondence, and take personal interest in making recommendations which enable our customers to secure the best possible results.

Estimates on outfits installed complete in running order, will be submitted direct or through our local representative on request.

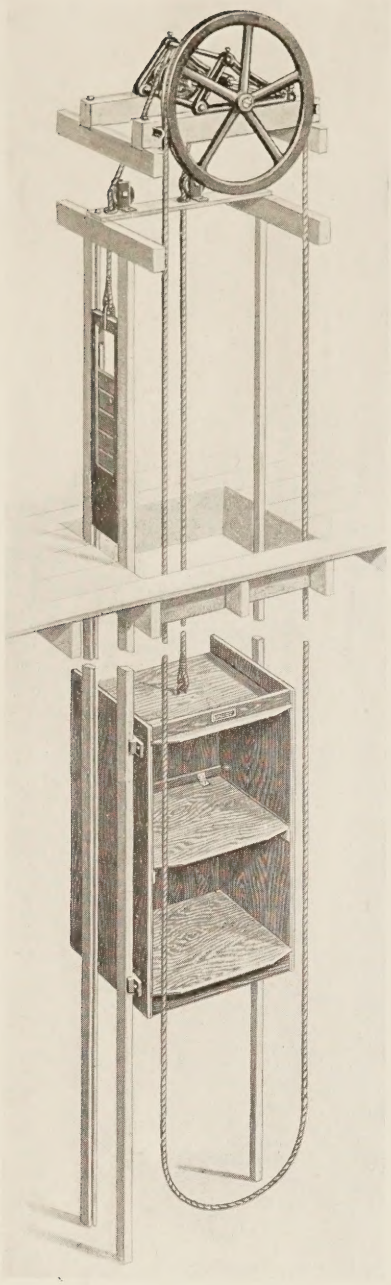
The name "Sedgwick" is registered in the United States Patent Office as our trade-mark, and purchasers of Dumb Waiters and Elevators bearing this trade-mark can depend upon having outfits which are strong, durable, easy running and satisfactory.

The well-known superiority of the "Sedgwick" Elevators and Dumb Waiters is due both to the carefully selected, high-grade material used exclusively in their manufacture, and to improvements—many of them patented—in principle, design, workmanship and finish.

Sedgwick Outfits are products of an engineering organization properly equipped to handle the many problems of planning, constructing, and installing. Backed by wide experience in the field and by substantial resources, Sedgwick Service and the Sedgwick Outfits justify the confidence placed in them.

Sedgwick Dumb Waiter and Elevator Machines are guaranteed for five years against defects in workmanship or material and will be repaired free of charge during that time if returned to the factory at Poughkeepsie, N. Y.

SEDGWICK MACHINE WORKS



Complete Automatic Brake Dumb Waiter Outfit with Enclosure Removed

General Information

REGARDING

SEDGWICK DUMB WAITER EQUIPMENT

TO secure satisfactory results from the installation of hand power Dumb Waiter equipment, three things are essential:—(1) A good outfit (in design, workmanship, and material); (2) An outfit appropriate to the individual conditions and requirements; (3) Proper installation.

A suitable outfit of good construction may be unsatisfactory if poorly installed. A good outfit, properly installed, may be unsatisfactory if unsuited to the conditions and requirements; and naturally a poor outfit in design, or material, or workmanship, cannot be expected to give satisfactory service even if in general arrangement it is suitable and has been properly installed.

Sedgwick Dumb Waiters are built in many different types and arrangements, each designed to meet definite requirements of service, therefore we suggest that you send us information outlined on opposite page which will enable our engineering department to study your specific requirements and submit recommendations.

A brief chart of suggested types, applications, and uses is shown below, and a complete chart is shown inside front and rear covers.

Type of Dumb Waiter	Loads		Type of Building (See front and rear covers)	Refer to Page
	Average	Capacity		
Automatic Brake	Up to 25 lbs.	75 lbs.	Residence, Apartment, etc.	6
Type "FDCG"	Up to 75 lbs.	200 lbs.	Restaurant, Hotel, Hospital, etc.	8
"Sedg-Versal"	Up to 150 lbs.	300 lbs.	Bank, Hotel, Bakery, etc.	12
Tube	Up to 75 lbs.	200 lbs.	Restaurant, Bank, Store, etc.	14
Under Counter	Up to 75 lbs.	200 lbs.	Drug Store, Lunch Room, etc.	16
High Speed	Up to 5 lbs.	10 lbs.	Office, Bank, Store, etc.	15

Complete Dumb Waiter Outfit includes:—Machine mounted on platform ready to erect, Car, Guide Shoes, Counterweight, Guide Runs, Hand Rope, and Hoist Rope or Cable.

We always recommend the purchase of complete outfits because every part is designed and built of best, selected materials to operate most efficiently and economically when used as a complete unit.

Dumb Waiters can be furnished with Metal Cars and Steel Guide Rails when desired.

All standard sizes of Sedgwick Equipment are carried in stock ready for immediate shipment. Special sizes to suit requirements can be shipped on short notice.

Dumb Waiter Outfits of special size are priced at the smallest standard size which will cover both dimensions required—i.e., for special car 24" x 16", price will be same as for 24" x 20" standard size.

Blue prints and complete directions for erecting are furnished with all equipment so that local mechanics can make installation if necessary. However, we recommend that experienced Sedgwick mechanics make installation whenever possible.

(Continued on Page 5)

STANDARD SIZES

No.	Hand Wheel Diameter	Car Dimensions Outside Width	Car Dimensions Outside Depth	Single-Face *Space Required †Width	Single-Face *Space Required †Depth	Double-Face *Space Required †Width	Double-Face *Space Required †Depth
1	16"	20"	16"	25"	19"	25"	20"
2	20"	24"	20"	29"	23"	29"	24"
3	24"	28"	24"	33"	27"	33"	28"
4a	28"	32"	28"	37"	31"	37"	32"
5a	30"	36"	36"	42½"	39"	42½"	40"

*Space required dimensions are for hoistways enclosed by walls of fireproof construction.
In wood-ceiled enclosures the space widths given may be reduced by 2 inches.
†"Sedg-Versal" Compound Geared Dumb Waiters (with the exception of No. 5a size) require 1½" additional width.

Directions for Ordering or Applying for Estimate

COVERING

SEDGWICK DUMB WAITER EQUIPMENT

ANSWERS to the following questions will ordinarily enable the Sedgwick Engineering Department to submit specific suggestions and recommendations:

(1) For what is the equipment to be used? (Kinds of loads carried.)
(2) How large a car is desired?
(3) How far does the car travel?
(4) Have you a place already prepared for the equipment?
(5) What will be the weight of the average load?
(6) What will be the weight of the heaviest load?
(7) Are all loads up, all down, or both?
(8) Who will operate: men, women, boys, or girls?
(9) Are all doors located in the same front?

When ordering, in addition to the above information we should know the following:—

(a) Location of doors (see plans 1, 2, 3).
(b) Height of top floor (floor to ceiling).
(c) Total height of hoistway.
(d) Style of car desired (see page 19).
(e) Construction of hoistway or enclosure (brick, tile, plaster, wood-ceiled, etc.).

LOCATION OF DOORS

1. Single face hoistway (1) with all doors in the same front is always advisable, where possible.
2. Double face hoistway (2) with openings in opposite fronts.
3. Corner post hoistway (3) with openings in adjacent fronts should be avoided when possible.

• • •

GENERAL INFORMATION

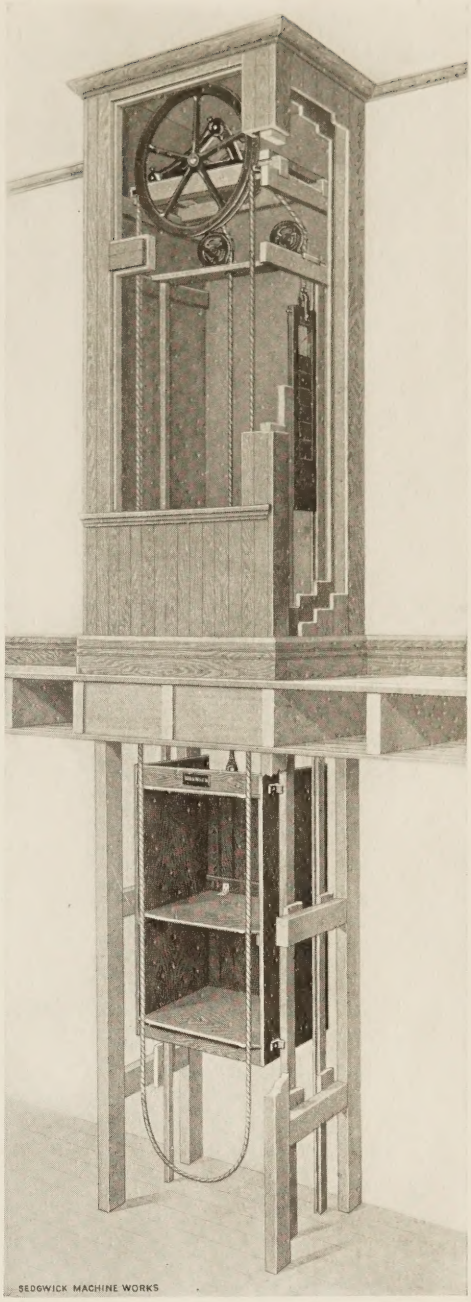
(Continued from Page 4)

Ten different types and arrangements are illustrated and described on the following pages, and we have devised thousands of special outfits to meet unusual conditions.

We gladly offer the benefit of the comprehensive knowledge which our long experience has given us, and urge consultation when equipment of this type is required.

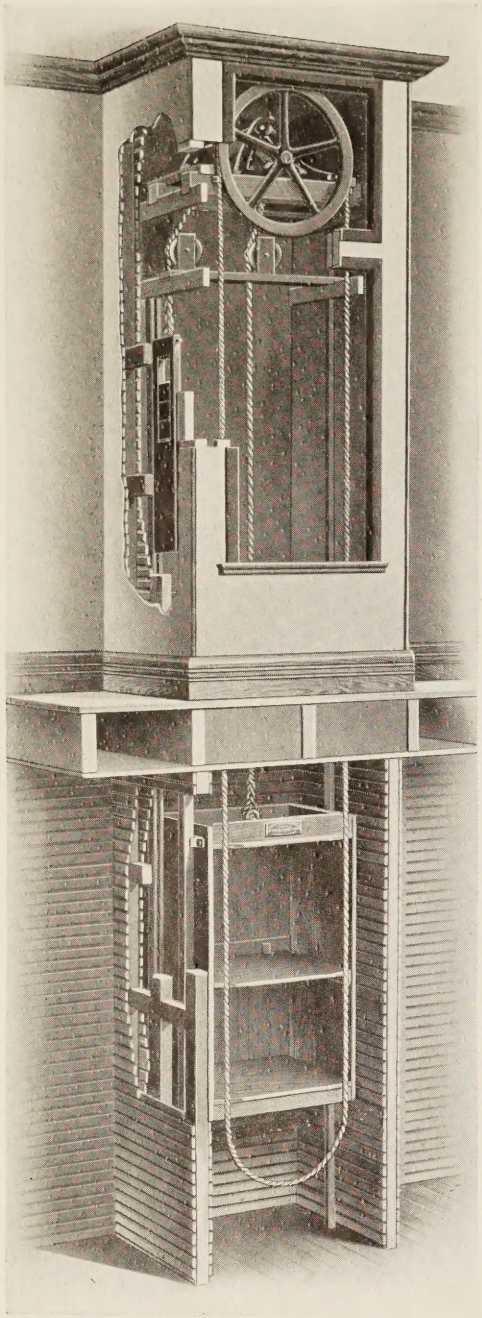
For description and explanation of the Sedgwick Automatic Brake Device, see page 6.

The various arrangements and types of Sedgwick Dumb Waiter Cars are illustrated on page 19.



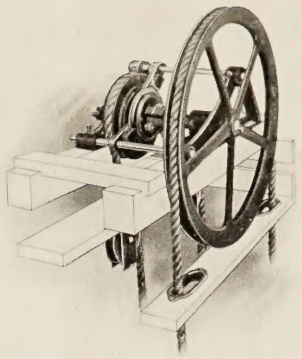
Dumb Waiter in Wood-ceiled Hoistway

Doors . . . For Hand Power Dumb Waiters, we strongly recommend doors four feet high, fully as wide as car, and located thirty inches above floor. Dumb Waiter Doors, Cabinets, Enclosures, and other such items which may be required in connection with Dumb Waiter Installations can be, under usual conditions, supplied to advantage by concerns specializing in door building, cabinet work, carpentry and masonry. Therefore we do not regularly include such work in our contracts. However, in special cases, we will furnish this work, and are in a position to give materials and workmanship of highest standard.



Sedgwick Dumb Waiter Erected in Plastered Hoistway

Sedgwick Automatic Brake Dumb Waiters are specially designed for residence, apartment and similar service where light loads are carried and a safe, dependable outfit is essential. In summer residences and cottages, these outfits are installed to make use of the cool cellar for preserving food supplies, the Dumb Waiter serves as an "Iceless Refrigerator" for lowering these supplies from the kitchen or pantry to the cellar.



Automatic Brake Dumb Waiter

FOR AVERAGE LOADS UP TO 25 LBS.
AND CAPACITY LOADS OF 75 LBS.

THE Sedgwick Automatic Brake Dumb Waiter is a decided improvement over all automatic lock and other self retaining dumb waiters and has been designed to give easy, dependable, smooth and quiet service for light use.

The machine is self-contained in iron frames held rigidly in alignment with steel brace rods.

• • •

The Sedgwick Automatic Brake built as a component part of the machine is automatic in both directions with all brake surfaces accurately ground and adjustable to offset wear. As soon as the operator ceases pulling on the hand rope, the brake automatically applies, holding car at any point in its travel. This prevents accidents which might happen as a result of careless handling. The brake does not lock fast, but is applied and regulated by load, holding the car securely, but allowing it to be raised or lowered smoothly and easily without jumping or jarring in ordinary operation. Independently supported, noiseless, but positive in action, the Sedgwick Automatic Brake does not transmit to the machine any end thrust, strain or unnecessary wear.

Sedgwick Dumb Waiter Cars are completely described on page 19. Sedgwick Dumb Waiter Outfits designed for heavier service are described on other pages.

How to Specify the Automatic Brake Dumb Waiter

Machine: Machine shall be fitted with steel shafts, anti-friction steel roller bearings; Sedgwick Automatic Brake, automatic in both directions, with all brake surfaces accurately ground and adjustable to take up wear. Hand wheel and driver shall be properly keyed to the steel shafting. Machine frames shall be of cast iron fitted with brace rods to prevent machine from getting out of alignment. Machine shall be mounted on properly framed platform at top of shaft and securely anchored to the side walls.

Car: Car shall be of ash, properly seasoned, filled and varnished, arranged with shelves as required. Car shall be fitted with cast iron guide shoes and proper rope connection.

Guide Runs: Guide Runs shall be of Georgia Pine, properly milled out so that counterweight travels between same without taking additional space in the shaft. Guide Runs shall be properly secured to the side walls by means of wood screws.

Counterweight: Counterweight shall properly overbalance car and shall be of cast iron sectional pattern allowing simple adjustment.

Ropes: Hand Rope shall be Italian or Russia Hemp, four strand with heart and free from all rough fibre which would irritate the hand.

Weight rope shall be of Plymouth long fibre manila, four strand with heart.

Dumb Waiter shall be erected by the manufacturers, THE SEDGWICK MACHINE WORKS, 150 West 15th Street, New York, N. Y., or authorized local representative.

STANDARD SIZES

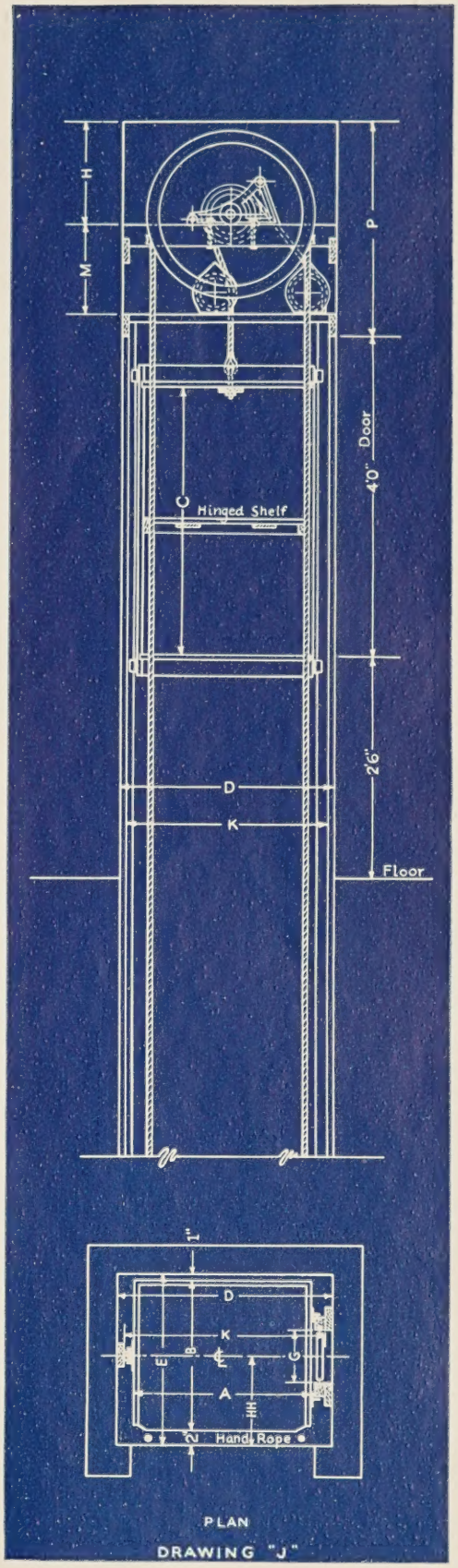
(See Drawing "J")

Dimension	A	B	C	D	E†	G	H	K	M	P	HH
No. 1. Car Size Outside Dimensions Wide Deep 20″ x 16″	20″	16″	30″	25″	19″	6″	11″	23″	11″	24″	10″
No. 2. Car Size Outside Dimensions Wide Deep 24″ x 20″	24″	20″	36″	29″	23″	7″	13″	27″	11″	30″	12″
No. 3. Car Size Outside Dimensions Wide Deep 28″ x 24″	28″	24″	36″	33″	27″	9″	15″	31″	11″	30″	14″

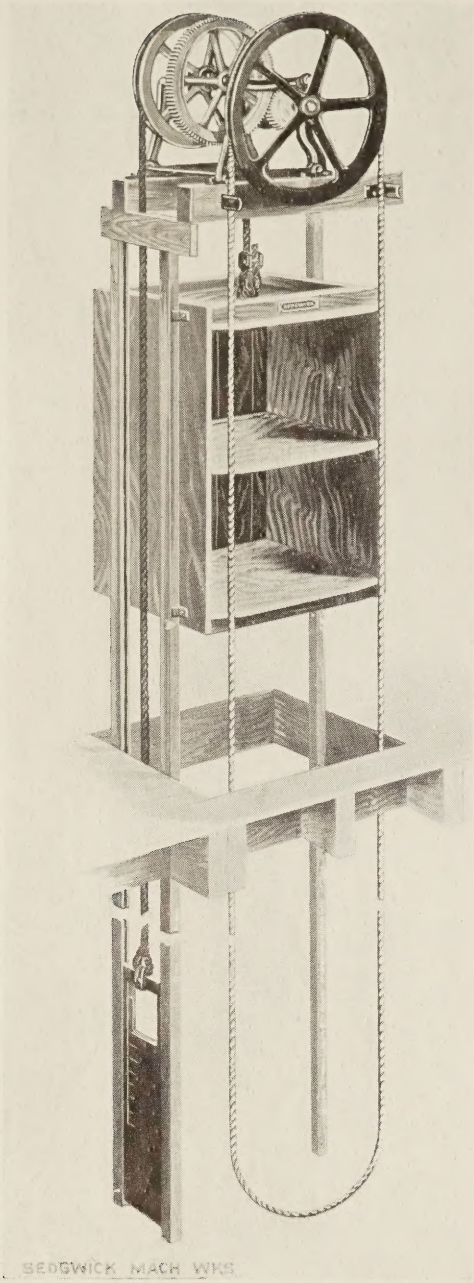
† For double face outfit increase 1″.

Standard sizes carried in stock—shipped immediately.

Special sizes built to meet any requirements—shipped within four days.

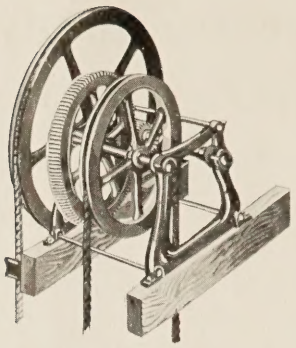


SEDGWICK
Dumb Waiters - Elevators
FOR ALL PURPOSES



Sedgwick Type "FDCG" Dumb Waiter

Sedgwick Type "FDCG" Geared Automatic Brake Dumb Waiters are designed for hospitals, hotels, clubs, restaurants, schools, churches, libraries, and other institutional, commercial, and industrial purposes where a strong, easy running, safe, and dependable outfit is required. Many special arrangements of this equipment are possible. See complete chart of "types, applications and uses" on the inside front and rear covers.



Type "FDCG" Geared Automatic Brake Dumb Waiter

FOR AVERAGE LOADS UP TO 75 LBS. AND CAPACITY LOADS OF 200 LBS.

THE Sedgwick Type "FDCG" Geared Automatic Brake Dumb Waiter designed for heavier service where absolute safety in operation is a requisite, represents the most marked advance in equipment of this type.

The main features of the machine are:—

(1) Self-contained machine, a complete unit.

(2) Sedgwick Automatic Brake, automatic in both directions, with all brake surfaces accurately ground and adjustable to wear, absolutely foolproof, self-regulating to load carried, smooth in operation, and positive in action. (Complete description of this device on page 6.)

(3) Anti-friction steel roller bearings (the proper type of bearing for the service) make for ease of operation, quiet running and the increased life of the machine.

(4) Machine cut spur gears eliminate the possibility of unevenness in machine performance which is often experienced with cast gears.

(5) Full diameter hoist wheel, permits cable to drop directly to car and counterweight, thereby eliminating intermediate or deflecting sheaves.

The main advantages derived from elimination of friction because of these improvements are:—(a) Increased ease of operation; (b) Doubling life of the car cable.

Reducing the number of moving parts in the mechanism further guarantees long and reliable service.

A special safety type of car cable is used which automatically indicates when cable should be renewed.

Complete description of cars is given on page 19.

Outfits of greater or less capacity and various arrangements are illustrated and described on other pages. (See Index on last page.)

How to Specify the Type "FDCG" Dumb Waiter

Machine: Shall be fitted with steel shafts; anti-friction steel roller bearings, Sedgwick Automatic Brake, automatic in both directions, with all brake surfaces accurately ground and adjustable to take up wear. Hand wheel, hoist wheel, machine cut spur gears shall be properly keyed to the steel shafting. Machine frames shall be of cast iron to contain and support mechanism and prevent gears and shafting from getting out of alignment. Machine shall be mounted on properly framed platform at top of shaft and securely anchored to the side walls.

Full diameter hoist wheel shall be used to allow cable to drop directly to car and counterweight, without the use of deflecting sheaves.

Car: Car shall be of ash, properly seasoned, filled and varnished, specially designed for heavy dumb waiter service, and be fitted with cast iron guide shoes and proper rope connections.

Guide Runs: Shall be of Georgia pine properly milled out so that counterweight travels between same without taking additional space in the shaft. Guide Runs shall be properly secured to the side walls or backing strips by means of wood screws.

Counterweight: The Counterweight shall properly overbalance the car and shall be of improved sectional pattern type permitting simple adjustment.

Ropes: Hand Rope shall be India or Russia Hemp, four strand with heart and free from all rough fibre which would irritate the hand. Weight rope shall be of "durable wire," steel cable.

Dumb Waiter shall be erected by the manufacturers, THE SEDGWICK MACHINE WORKS, 150 West 15th St., New York, N. Y., or authorized local representative.

STANDARD SIZES

(See Drawing "F")

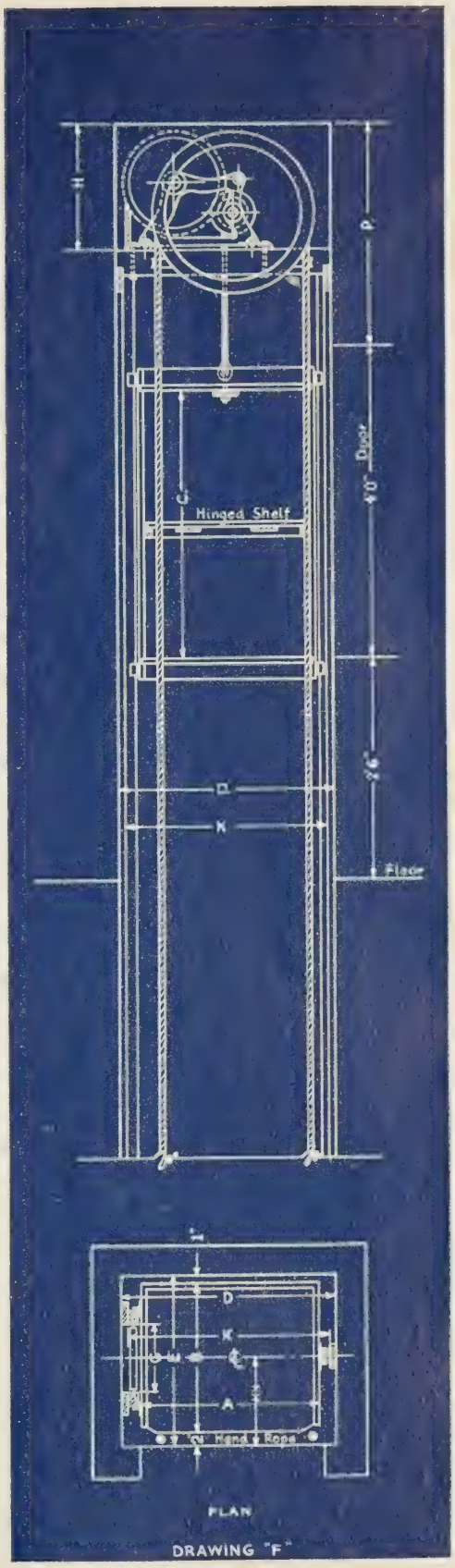
Dimension	A	B	C	D	E†	G	H	K	P	HH
No. 1. Car Size Outside Dimensions Wide Deep 20″ x 16″	20″	16″	30″	25″	19″	7″	16″	23″	30″	10″
No. 2. Car Size Outside Dimensions Wide Deep 24″ x 20″	24″	20″	36″	29″	23″	9″	17″	27″	30″	12″
No. 3. Car Size Outside Dimensions Wide Deep 28″ x 24″	28″	24″	36″	33″	27″	11″	18″	31″	30″	14″
No. 4a. Car Size Outside Dimensions Wide Deep 32″ x 28″	32″	28″	36″	37″	31″	13″	20″	35″	33″	16″
No. 5a. Car Size Outside Dimensions Wide Deep 36″ x 36″	36″	36″	48″	42½″	39″	16″	21″	40½″	36″	20″

†For double face outfit add 1″.

Sedgwick Dumb Waiter Cars are completely described on page 19.

Standard sizes carried in stock—shipped immediately.

Special sizes built to meet any requirements—shipped within four days.



DRAWING "F"

SEDGWICK
Dumb Waiters - Elevators
FOR ALL PURPOSES

Band Brake Dumb Waiter

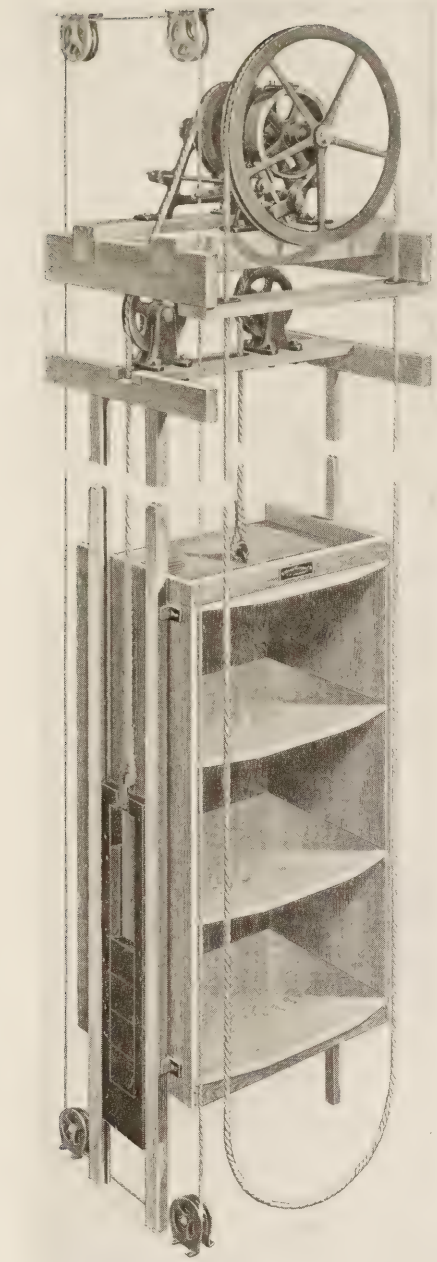
**FOR AVERAGE LOADS UP TO 25 LBS.
AND CAPACITY LOADS OF 75 LBS.**

THE Sedgwick Band Brake Dumb Waiter is specially adapted to carrying light loads in factories, stores, and other buildings where a strong, rapid running Dumb Waiter for hard service is required.

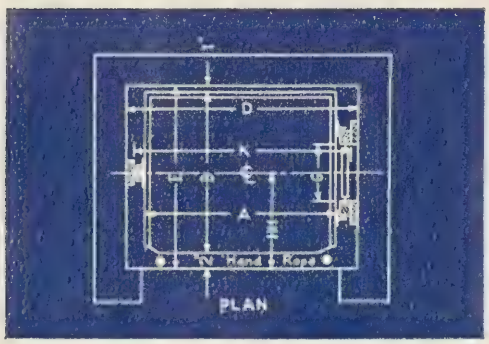
Pulling down on the brake rope applies the brake partially, and controls the speed in lowering; a final pull automatically locks the brake and holds the car stationary until the operator pulls up on the brake rope.

Requiring some judgment on the operator's part, it is usually advisable to install the Band Brake Dumb Waiter Outfit for the carrying of loads which are of an unbreakable nature.

Sedgwick Dumb Waiter Cars are completely described on page 19.



Sedgwick Band Brake Dumb Waiter



How to Specify: Refer to page 7 and substitute under heading of "machine" the following paragraph:—

Machine shall be fitted with steel shafts, anti-friction steel roller bearings, Sedgwick fibre-lined Band Brake, adjustable to take up wear and arranged for operation by endless brake rope. The brake shall automatically lock when fully applied and hold the car where wanted. All parts shall be properly keyed and contained in iron frames as a complete unit.

STANDARD SIZES

Dimensions	A	B	D	E†	G	K	HH
No. 1. Car Size Outside Dimensions Wide Deep 20″ x 16″	20″	16″	25″	19″	6″	23″	10″
No. 2. Car Size Outside Dimensions Wide Deep 24″ x 20″	24″	20″	29″	23″	7″	27″	12″
No. 3. Car Size Outside Dimensions Wide Deep 28″ x 24″	28″	24″	33″	27″	9″	31″	14″

†For double face outfit increase 1″.

Standard sizes carried in stock—shipped immediately.

Special sizes built to meet any requirements—shipped within four days.

Geared Band Brake Dumb Waiter

FOR AVERAGE LOADS UP TO 75 LBS. AND CAPACITY LOADS OF 200 LBS.

THE Sedgwick Geared Band Brake Dumb Water is designed for heavy loads and is especially desirable in commercial establishments where loads of unbreakable nature are to be carried. Car can be lowered by gravity and speed is controlled by a hand operated band brake, positive in action, but requiring judgment on the part of the operator.

The use of full diameter hoist wheel in overhead mechanism permits car cable to drop directly to the car and counterweight, eliminating the use of intermediate or deflecting sheaves and increasing ease of operation and life of cable. Machine-cut spur gears, accurately shaped in our own plant, contribute further to smooth performance and the elimination of friction. The Sedgwick fibre lined self-locking band brake is positive in action and adjustable to wear.

Sedgwick Dumb Waiter Cars are described on page 19.

• • •

How to Specify: Refer to page 9 and substitute under heading of "machine" the following first sentence:—

Machine shall be fitted with steel shafts; anti-friction steel roller bearings, Sedgwick fibre lined Band Brake with all members directly connected to iron frame, adjustable to take up wear and arranged for operation by endless brake rope.

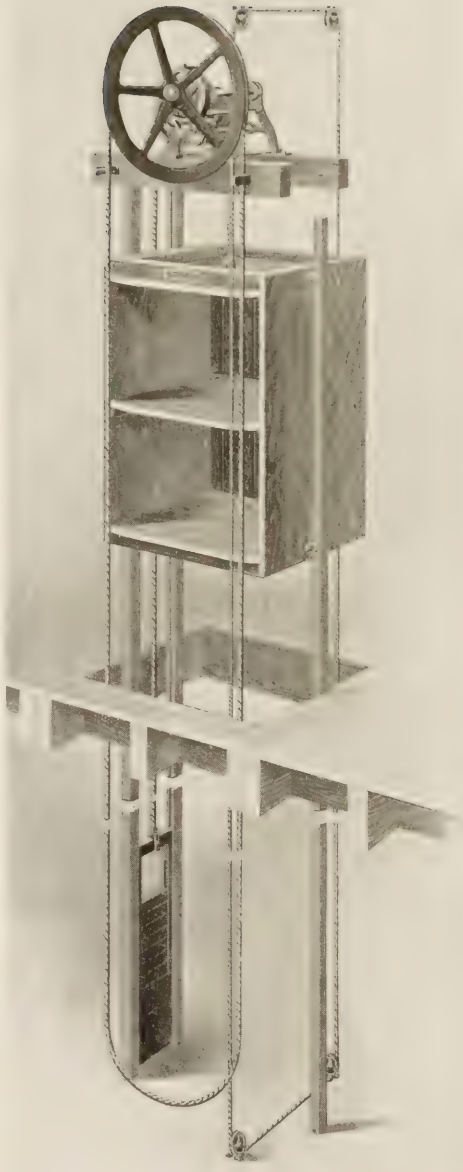
STANDARD SIZES

Dimension	A	B	D	E†	G	K	HH
No. 1. Car Size Outside Dimensions Wide Deep 20″ x 16″	20″	16″	25″	19″	7″	23″	10″
No. 2. Car Size Outside Dimensions Wide Deep 24″ x 20″	24″	20″	29″	23″	9″	27″	12″
No. 3. Car Size Outside Dimensions Wide Deep 28″ x 24″	28″	24″	33″	27″	11″	31″	14″
No. 4a. Car Size Outside Dimensions Wide Deep 32″ x 28″	32″	28″	37″	31″	13″	35″	16″
No. 5a. Car Size Outside Dimensions Wide Deep 36″ x 36″	36″	36″	42½″	39″	16″	40½″	20″

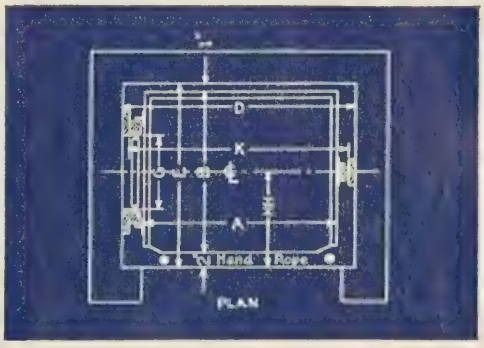
†For double face outfit increase 1″.

Standard sizes carried in stock—shipped immediately.

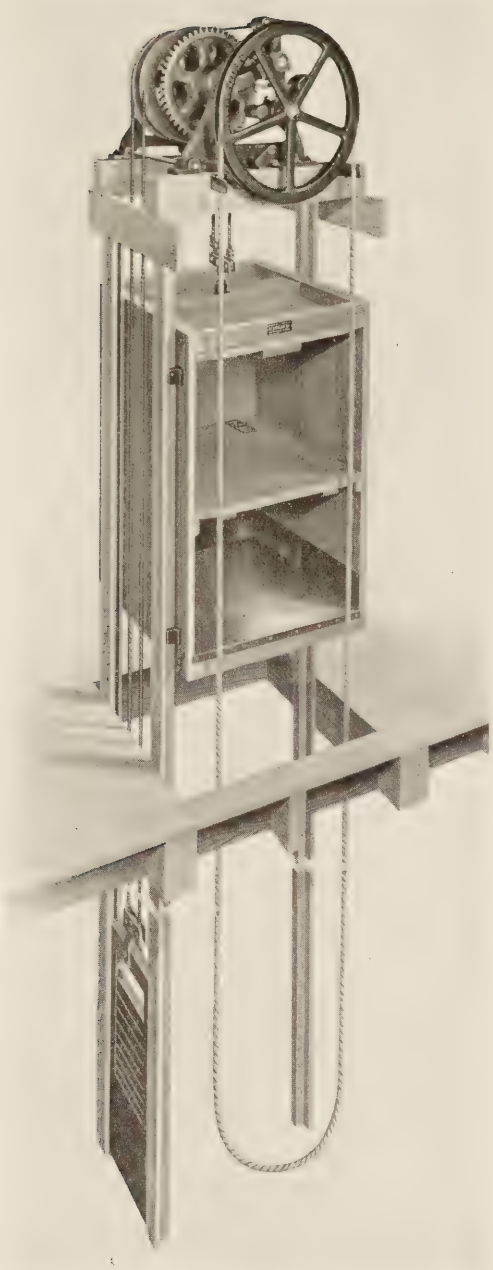
Special sizes built to meet any requirements—shipped within four days.



Sedgwick Geared Band Brake Dumb Waiter

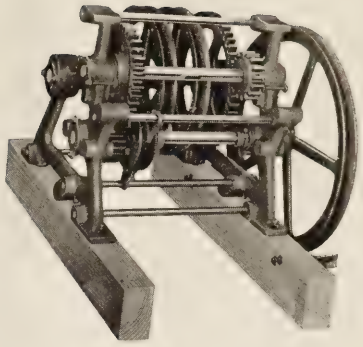


SEDGWICK
Dumb Waiters - Elevators
FOR ALL PURPOSES



"Sedg-Versal" Dumb Waiter

"Sedg-Versal" Compound Geared Dumb Waiters are often used as Coin Lifts in Banks, Supply Lifts in Stores, Bus Lifts in Schools and Hospitals, Food Lifts in Hotels and Restaurants and for many other services requiring an outfit designed for heavy duty as well as economical, easy and safe operation. See chart of "types, applications and uses" on inside front and rear covers.



"Sedg-Versal" Compound Geared Dumb Waiter

(Automatic Brake or Band Brake)

FOR AVERAGE LOADS UP TO 150 POUNDS AND CAPACITY LOADS OF 300 POUNDS

THE "Sedg-Versal" Compound Geared Dumb Waiter, although especially designed for heavy duty, is adaptable to universal conditions and requirements of Dumb Waiter Service.

Provided with two sets of machine-cut spur gears, a sufficient gear reduction is secured in the machine so as to enable the operator to raise heavy loads with reasonable effort.

Friction in the machine is practically eliminated by the use of full diameter hoist wheels to carry cables directly from car to counterweight without intermediate deflecting sheaves. Roller bearings are used in all bearing and permanent alignment of shafting and gears is assured by having machine completely contained in heavy iron frames rigidly braced with steel rods.

With the "Sedg-Versal" Machine it is possible to use either the Sedgwick Automatic Brake or Band Brake as individual conditions warrant. Also, by rearrangement of gears various speeds and capacities can be effected thus embodying the efficiency of five different types of Dumb Waiter Equipment.

These features are of particular interest when it is impossible to determine in advance average or capacity loads to be carried and when there is a possibility of future change in requirements of service.

Besides the heavy duty machine, heavy materials are used throughout the building of the entire outfit so as to insure long and dependable service in spite of severe use.

Car is carried by two special safety cables each independently attached, one always acting as safety for the other. Guide runs are of proportion equal to those used with smaller sizes of Sedgwick Freight Elevators.

Cars are completely described on page 19.

How to Specify the "Sedg-Versal" Dumb Waiter

Machine: Shall be fitted with steel shafts; anti-friction steel roller bearings, Sedgwick Automatic Brake, automatic in both directions, with all brake surfaces accurately ground and adjustable to take up wear. Machine shall be equipped with two sets of machine-cut spur gears and two full diameter hoist wheels. Hand wheel, hoist wheels and machine-cut spur gears shall be keyed to proper hand wheel shaft, intermediate shaft, and hoist wheel shaft. Machine frames shall be of cast iron and fitted with five brace rods to prevent gears and shafting from getting out of alignment. Machine shall be mounted on properly framed platform at top of shaft and securely anchored to the side walls.

Car: Shall be of ash, properly seasoned, filled and varnished, strongly framed top and bottom, bolted and screwed together, and specially designed for extra heavy Dumb Waiter Service. Bottom of Car shall be covered with sheet metal if required. Car shall be fitted with cast iron guide shoes and proper cable connections.

Guide Runs: Shall be of Georgia Pine, properly milled out so that counterweight can travel between same without taking additional space in the shaft. Guide runs shall be properly secured to the side walls by means of wood screws.

Counterweight: Shall be of cast iron, of the adjustable type, to properly counterbalance car.

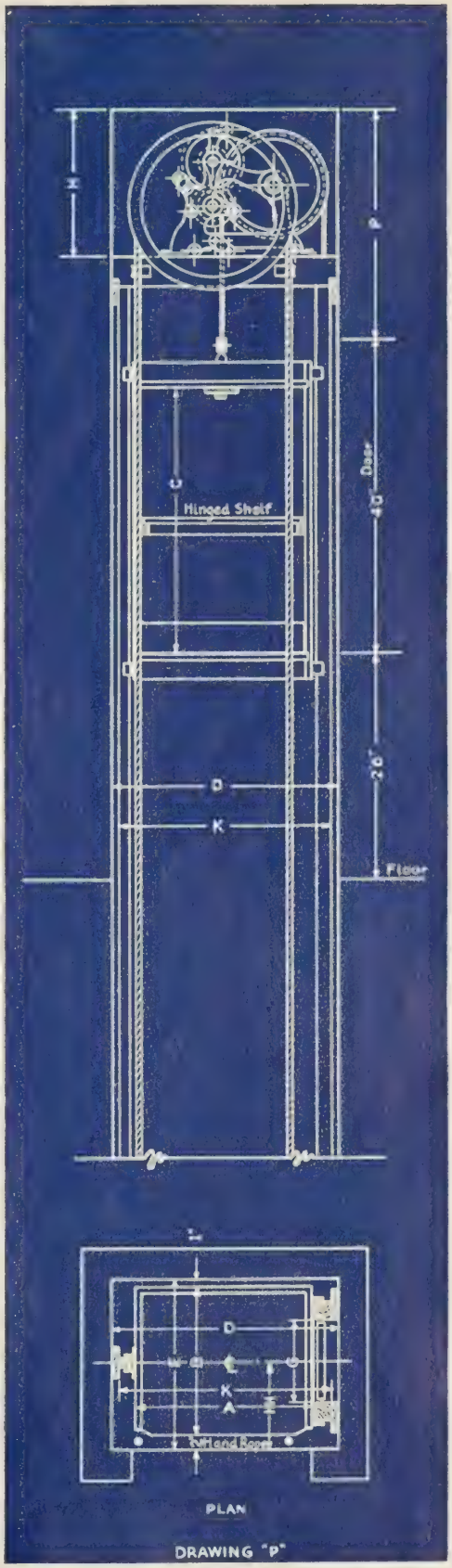
Ropes: Hand Rope shall be Italian Hemp, four strand with heart and free from all rough fibre which would irritate the hand. Weight ropes shall be of "durable wire" steel cable having wire center and marline covering, each independently attached to Car and Counterweight.

Dumb Waiter shall be erected by the manufacturers, THE SEDGWICK MACHINE WORKS, 150 West 15th St., New York, N. Y., or authorized local representative.

STANDARD SIZES
(See Drawing "P")

Dimension	A	B	C	D	E†	G	H	K	P	HH
No. 1. Car Size Outside Dimensions Wide Deep 20" x 16"	20"	16"	30"	26½"	19"	9"	19"	24½"	30"	10"
No. 2. Car Size Outside Dimensions Wide Deep 24" x 20"	24"	20"	36"	30½"	23"	11"	20"	28½"	30"	12"
No. 3. Car Size Outside Dimensions Wide Deep 28" x 24"	28"	24"	36"	34½"	27"	13"	21"	32½"	30"	14"
No. 4a. Car Size Outside Dimensions Wide Deep 32" x 28"	32"	28"	36"	38½"	31"	16"	23"	36½"	36"	16"
No. 5a. Car Size Outside Dimensions Wide Deep 36" x 36"	36"	36"	48"	42½"	39"	16"	24"	40½"	42"	20"

†For double face outfit add 1".



DRAWING "P"

SEDGWICK
Dumb Waiters - Elevators
FOR ALL PURPOSES

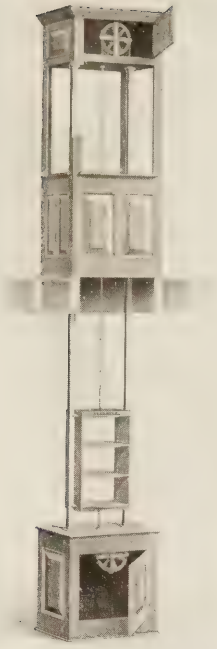


Plate 1

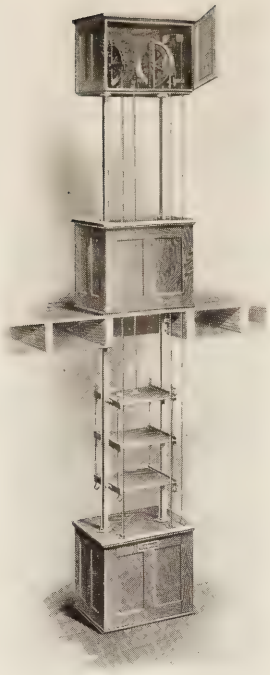


Plate 2

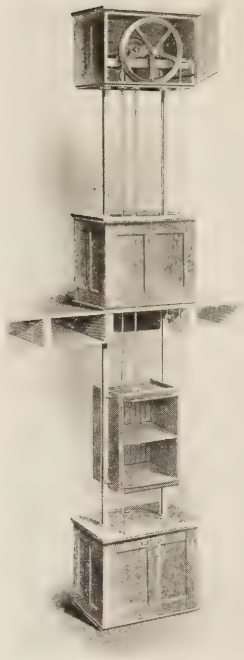


Plate 3

Tube Dumb Waiters

TUBE Dumb Waiters differ from our regular outfits chiefly in that metal tubes are used as guides for car and counterweight in place of wood or steel guide runs.

The tubes may be of brass, steel or monel metal as preferred.

Tube Dumb Waiters are particularly suitable for installations where the outfit is not to be enclosed in a hoistway and where an attractive appearance is desired.

Any Sedgwick Outfit, for any purpose, may be arranged with tube guides. The duty should govern the selection of the particular type of outfit.

Cars may be of wood, wire, steel, brass or monel as selected.

The arrangement of sheave wheels in Plates 1 and 2 are suitable for light loads less than 10 pounds. Of these, Plate 2 shows the better arrangement because hand rope is brought to the front of the car allowing greater convenience in operating, and eliminating the danger of accidents to the operator. The outfit shown in Plate 3 is arranged with Sedgwick Automatic Brake Machine and recommended for average loads up to 25 pounds.

Complete specifications and blue prints on request.

CABINETS AND ENCLOSURES

Believing that doors, cabinets, enclosures and other items required in connection with Dumb Waiter and Elevator installations can be under usual conditions, supplied to best advantage by concerns specializing in door building, cabinet work and carpentry, we do not regularly include such work in our contracts.

However, in special cases we will furnish this work and are in position to give materials and workmanship of highest standard.

HOW TO SPECIFY TUBE DUMB WAITER

Note: We recommend where specification is required immediately, without opportunity to consult us, the following be used:—

Furnish (and install) where shown on plans (one) Sedgwick Tube Dumb Waiter arranged in accordance with Plate ...., suitable for average loads of ..... pounds and strong enough for occasional or test loads up to ..... Manufacturers' Blue Prints and Specifications shall be submitted to the architect for approval.

High Speed Tube Dumb Waiter

THE Sedgwick High Speed Tube Dumb Waiter is especially designed for rapid service where order slips, letters, checks, invoices, statements, or similar light loads must be sent from one floor to another.

Equipped with steel tubes finished in mahogany bronze and metal car to match, this outfit is attractive in appearance and requires no enclosure. Car is held at upper terminal by an automatic lock and self-releasing catch. We recommend car size 12″ x 10″ requiring an opening in floor 18″ x 12″ as most suitable for average use; however, these outfits can be furnished with car of any size desired.

Banks, manufacturers and sales organizations operating on more than one floor find this type equipment most economical and satisfactory for the speedy delivery of inter-office correspondence and communications.

When desired, one of the guide tubes may be utilized as a speaking tube, with buzzer or whistle signal.

High Speed Wire Guide Dumb Waiter

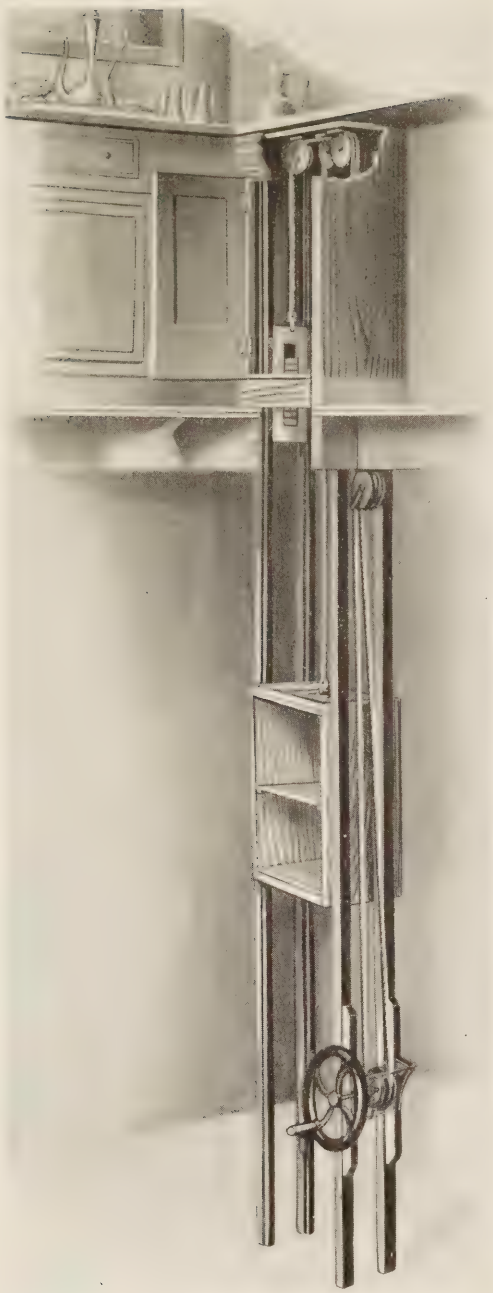
THE Sedgwick High Speed Wire Guide Dumb Waiter is designed for service where an inexpensive rapid running Dumb Waiter is required to carry light loads such as messages, orders, checks, bills, etc.

Wire guides for car and counterweight, together with our special oilless bearings, make this outfit quick, easy of operation, and practically noiseless.

Complete outfit is shown in illustration. Standard size having car 10″ wide, 6″ deep, 17″ high, outside dimensions, is carried in stock and requires a space through the floor 20″ wide x 10″ deep.

Outfit consists of car, two stand sheaves with rubber bumpers and platforms, wire guides, turnbuckles, fittings, rope and weight. Installation requiring eight wood screws, four to each platform, can be completed in an hour.

Sometimes two cars are used, one balancing the other. This arrangement is advantageous when service is between two points only, as there is always a car at each terminal ready for use.



Under Counter Dumb Waiter (Fig. R)

Sedgwick Under Counter Dumb Waiters are being used more extensively in restaurants, cafeterias, soda fountains, sandwich shops, grocery stores, drug stores and other establishments as the possibilities of using all available space to the best advantage are realized, as well as the substantial savings in time and labor effected by these convenient outfits.

Under Counter Dumb Waiters

THIS is a term we have adopted to distinguish outfits designed for use where there is insufficient space overhead for the machine.

Illustration at left shows Sedgwick Under Counter Dumb Waiter arranged for car to travel up underneath counter, with overhead truss for car and counterweight cable. Top of counter is left free for serving purposes. This outfit is fitted with the Sedgwick Automatic Brake Machine for average loads of 25 pounds or less, and strong enough for test or capacity loads of 75 pounds. (See page 6.)

By means of the Sedgwick Automatic Brake, car is held stationary at any point in its travel when operator stops turning the crank wheel, thus assuring absolute safety in operation despite possible carelessness on the part of the operator.

This feature is very important when glassware, dishes, or other breakable loads are carried.

• • •

These Outfits can be fitted with machines of any capacity required and we have hundreds of drawings on file showing special arrangements.

In some instances it is desirable to operate the car from upper floor also, although for average use operation from lower floor only is sufficient.

Special arrangements can be built for unusual needs, but standard outfits used in thousands of installations are recommended for average requirements.

Where lower floor space is limited and ceiling is at least ten feet high, the machine can be hung from ceiling and operated by an endless hand rope.

The four arrangements shown on opposite page are most generally followed. However, where unusual conditions must be met our Engineering Department can invariably suggest a most satisfactory, efficient and economical solution.

If desired these outfits can be furnished with metal cars and steel guide rails.

Special descriptive circular and complete details will be sent upon request.

How to Specify the Sedgwick Under Counter Dumb Waiter

Note: We recommend where specification is required immediately, without opportunity to consult us, the following be used:—

Furnish and install where shown on plans one Sedgwick Under Counter Dumb Waiter arranged in accordance with plate . . . . . Machine shall be of the Automatic Brake Type suitable for average loads of. . . . . lbs. and strong enough for capacity or test loads of. . . . . lbs.

All work shall be done in accordance with manufacturer's specifications and to the approval of the architect (or owner).

• • •

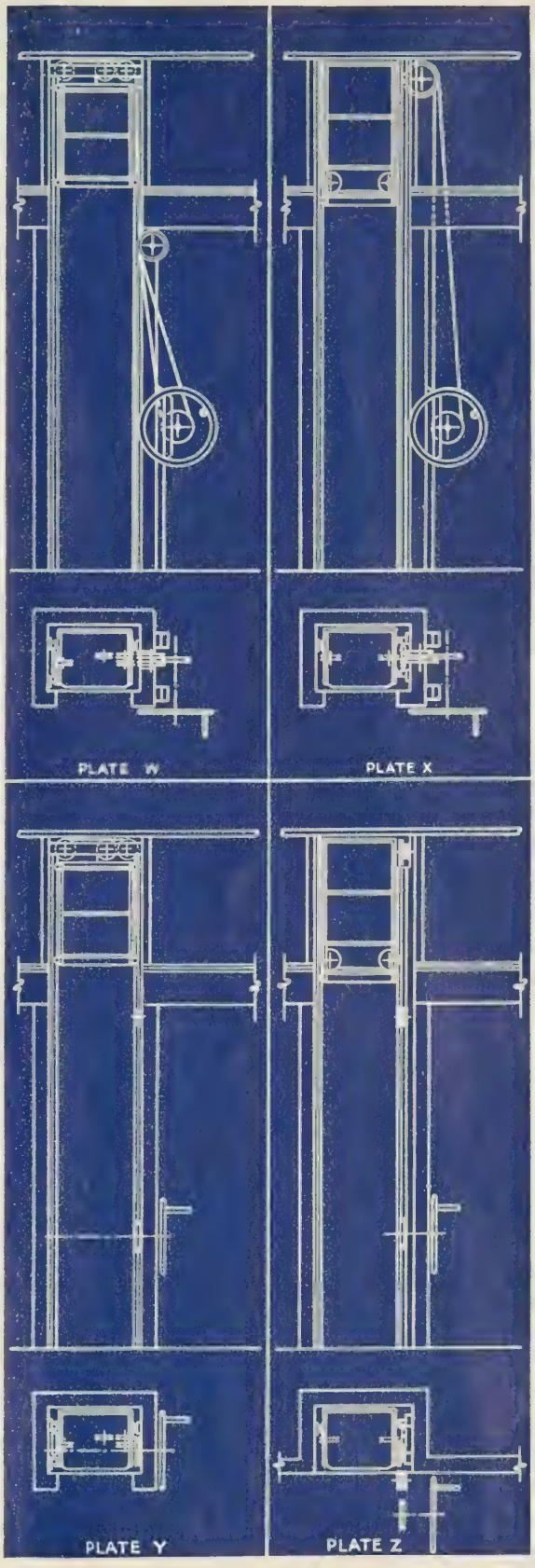
EXPLANATION OF ARRANGEMENTS SHOWN IN PLATES W, X, Y, Z

Plate W—shows Under Counter Dumb Waiter arranged with crank machine at side and overhead sheave truss. Approximately 9″ is required from top of car to underside of counter to accommodate sheaves.

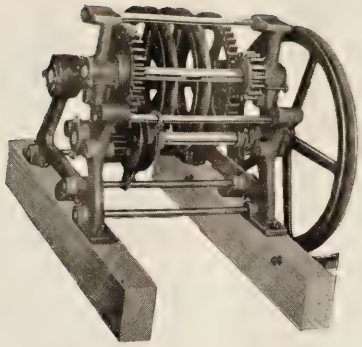
Plate X—shows Under Counter Dumb Waiter arranged with crank machine and sheaves at side when space for sheaves above car is not available.

Plate Y—shows Under Counter Dumb Waiter arranged with machine entirely inside of shaft or enclosure, with the exception of crank wheel. This arrangement is desirable where space outside shaft is limited.

Plate Z—shows Under Counter Dumb Waiter arranged with crank machine brought forward for installations where no space at side of hoistway is available at lower floor.



SEDGWICK
Dumb Waiters - Elevators
FOR ALL PURPOSES



Book Lifts

LIBRARIES, banks, insurance companies, and various commercial establishments have found the Sedgwick Dumb Waiters valuable labor-saving equipment when used as book lifts.

The regular construction is used where hoistway enclosures are necessary; the brass, steel or monel Tube Dumb Waiters being selected for installations where equipment is not enclosed.

Sedgwick Type "FDCG" Geared Automatic Brake Dumb Waiters (page 8) and "Sedg-Versal Dumb Waiters (page 12) are generally best adapted to Book Lift requirements, although consultation is advised in order to secure equipment which will be most satisfactory.

Sedgwick Book Lifts are built in all capacities and types suitable for every requirement.

Cold Storage Dumb Waiters

IN recent years we have sold hundreds of our Dumb Waiter outfits, especially designed to be installed in houses as "Iceless Refrigerators" or Cold Storage Dumb Waiters. (See pages 6, 7.)

Food supplies carried over from day to day are simply placed in the car which is then lowered into the cool, cellar, or, if the cellar is not sufficiently cold, into a well or pit below the cellar floor. Demand is growing for this modern, convenient, economical means of refrigeration without ice—obtainable at moderate cost for the required equipment and with no cost for maintenance—particularly well adapted to summer cottages, lodges or houses where the use of ice or electric refrigeration is impractical, troublesome, or exorbitant in cost.

This is by no means a "new idea" but just a modern version of an old-fashioned principal which is well worth consideration.

Complete details gladly sent upon request.

Dumb Waiter Cars

Plate 1

SEDGWICK Dumb Waiter Cars are regularly built of selected hardwood, thoroughly seasoned for years under our own sheds, kiln dried before working. Where desired steel, brass, monel metal or wire cars can be furnished at reasonable additional cost.

Cars are regularly finished in natural color, the wood being first carefully filled and then surfaced with two coats of best quality water-proof varnish. Where desirable, cars can be finished to match surrounding woodwork if sample is supplied.

Single face cars (Plate 1) and Double face cars (Plate 2) of standard size as shown in chart below can be shipped at once.

Corner post cars (Plate 3), metal cars (Plate 4) and cars of special size or construction can be shipped on short notice.

Single face cars (Plate 1) are regularly fitted with one hinged shelf.

Double face cars (Plate 2) are regularly fitted with two solid shelves to give greatest strength and rigidity.

Plate 2

STANDARD CAR SIZES

Size	Outside Dimensions	Plate 1 (Single-Face)	Plate 2 (Double-Face)
No. 1	20″ wide x 16″ front to back	30″ high inside	36″ high inside
No. 2	24 x 20	36	42
No. 3	28 x 24	36	42
No. 4a	32 x 28	36	42
No. 5a	36 x 36	48	48

The outside overall height of Dumb Waiter Cars is about 6″ greater than the inside heights given in chart above.

Cars furnished for the Light Outfits (pages 6, 7, 10) are built of 5/8″ hardwood and for the Geared Outfits (pages 8, 9, 11) of 3/4″ hardwood.

Plate 4

Cars furnished for the "Sedg-Versal" Outfits (pages 12, 13) are built of 7/8″ hardwood and reinforced with metal covered bottom.

WHEN ORDERING Specify: (1) Width, (right to left), and depth, (front to back). Signify whether inside or outside dimensions; (2) Type (light, geared, "Sedg-Versal" or metal); (3) Shelves (hinged, solid or loose); (4) Arrangement (single face, double face, or corner post).

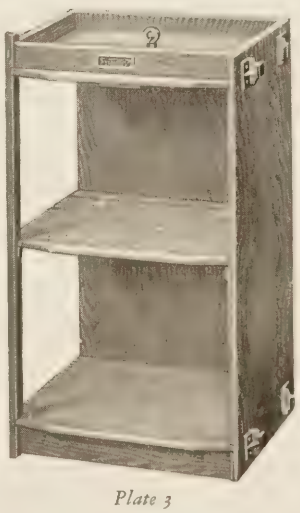
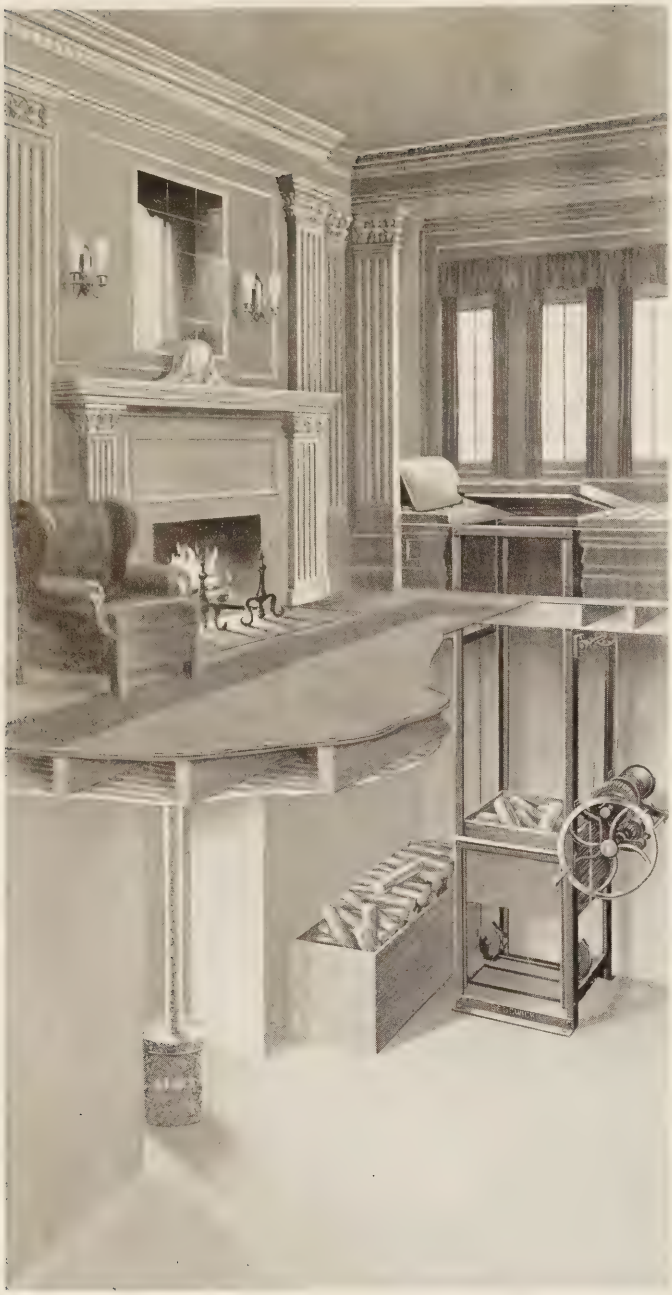


Plate 3

SEDGWICK
Dumb Waiters - Elevators
FOR ALL PURPOSES

Fuel or Wood Lift



Sedgwick Fuel or Wood Lift (Fig. Q)

STANDARD SIZES SEDGWICK FUEL LIFTS

Size of Container Wide	Deep	High	Opening Required Wide	Deep
20″	x 16″	x 15″	22½″	x 18½″
24″	x 20″	x 15″	26½″	x 22½″
28″	x 24″	x 15″	30½″	x 26½″
32″	x 28″	x 15″	34½″	x 30½″

Easily installed, easily operated and absolutely safe.

IN all ages, the fireplace has been the emblem of home. The hearthstone has been the center of the home life; the hearth fire has been the symbol of the family spirit.

Today, most people agree that the open fireplace is one of home's most inviting features. Yet, despite this traditional longing of a man for a fireside of his own —and despite the readiness of architects to gratify that longing—many fireplaces lie cold and dead, lacking that which is their only justification—the fire on the hearth.

The explanation of this anomaly is simple. It is found in the inconvenience and untidiness of carrying fuel up the stairs from the cellar and across clean floors and rugs. This drudgery, offensive alike to master and servant, is eliminated by the Sedgwick Fuel Lift, which supplies coal or wood in usable quantities direct to the fireplace.

Not only is the labor of carrying fuel from cellar to first floor avoided, but the nuisance and damage which ordinarily occurs when such loads are lugged upstairs and through the house are entirely eliminated by the use of the Sedgwick Fuel Lift.

The standard Fuel Lift as illustrated at left is equipped with geared automatic brake machine fitted with steel shafts, anti-friction steel roller bearings, Sedgwick Automatic Brake, automatic in both directions with all brake surfaces accurately ground and adjustable for wear, machine-cut spur gears and drum all contained in heavy iron frames as a complete unit.

The container is built in an iron framework which runs on steel angle guides at all four corners extending the entire height from cellar to floor above, thus resulting in a complete outfit requiring no shaft or enclosure for installation.

Log Lift

THE Sedgwick Log Lift will interest those whose fireplaces are large enough to take logs from three feet or more in length.

The Sedgwick Log Lift really makes the large fireplace possible. Oftentimes the new home is planned with a large room that really calls for a wider fireplace, which is regretfully given up because home planners cannot see any easy way of serving such a fireplace.

If a Sedgwick Log Lift is planned along with the wider fireplace, the problem of fuel supply is solved. The Sedgwick Log Lift will quickly bring several large logs within easy reach of the fireplace without fuss or muss.

We build these outfits in various arrangements and sizes to meet different conditions and requirements. We shall be glad to submit blue prints, prices and any further information desired, upon request.

Log Lift (Fig. LL)

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"Sedg-Econ" Fuelift

THE "Sedg-Econ" Fuelift illustrated at right has been especially designed for installations where price is an important consideration and it is not wished to invest in this equipment the amount required for the standard steel frame arrangement and geared machine shown on opposite page.

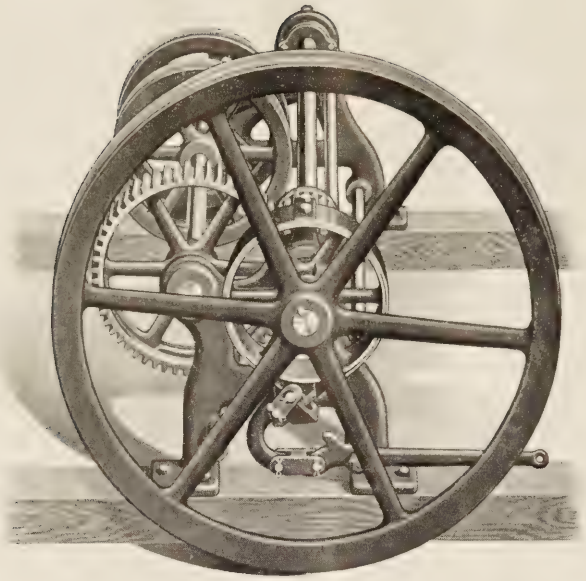
The standard size "Sedg-Econ" Fuelift carried in stock is 28" wide x 16" deep and requires a net opening through the floor of 30" wide x 18" deep.

Special sizes can be furnished up to 28" wide x 24" deep.

Outfit can be arranged to come up into a bookcase, window seat, wood-box or, if necessary, a trap door in the floor.

Hundreds of special outfits have been designed to meet practically all conditions and requirements and can be supplied at reasonable cost.

"Sedg-Econ" Fuelift (Fig. SQ)



General Information Regarding Freight Elevators

SEDGWICK Improved Hand Power Freight Elevators are built for economical and dependable service and are extensively used with uniformly satisfactory results in stores, warehouses, factories, bakeries, institutions and other buildings of many classes throughout the United States and abroad.

Outstanding qualifications of suitability, economy and durability have led to the selecting of this equipment in thousands of installations prior to which exhaustive investigations have been made of numerous types of elevators.

Many possible users of hand power elevators have refrained from selecting this type equipment unless financial conditions make the purchase necessary, because they believe all hand power elevators are hard to operate and generally unsatisfactory.

We know that for certain purposes hand power elevators suitably designed and built to meet individual conditions of service and properly installed will give satisfactory, efficient, dependable and economical performance.

The Sedgwick Freight Elevator Machine is completely contained in heavy iron frames rigidly braced with steel rods to prevent bearings and gears from getting out of alignment. Different sizes of machine frames of suitable proportions are supplied in accordance with the particular capacity required.

All shafting is of polished steel, machine cut gears are of ample size and strength, and all bearings are fitted with steel anti-friction roller bearings.

The Sedgwick Band Brake is directly connected to the machine frame and arranged with an endless brake rope to permit operation from all floors. A slight pull on brake rope partially applies the brake and controls the speed of car in lowering and a final pull securely locks the brake and holds the car and load where wanted.

Various arrangements are illustrated and described on the following pages and we will gladly submit complete estimates, blue prints and specifications upon request.

Sedgwick Freight Elevators can be furnished with steel frame car and steel guide rails if desired.

Directions for Ordering or Applying for Estimate

COVERING

SEDGWICK FREIGHT ELEVATORS

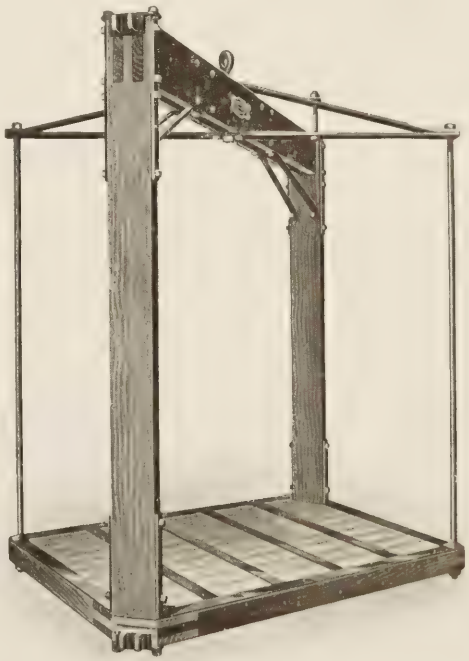
ANSWERS to the following will ordinarily enable the Sedgwick Engineering Department to submit specific suggestions and recommendations:

(1) For what is the equipment to be used? (Kind of loads carried.)
(2) How large a car is desired?
(3) How far does the car travel?
(Give height of each floor including timbers.)
(4) Have you a place already prepared for the equipment?
(5) Height of top floor?
(6) Total height of hoistway?
(7) What will be the weight of average load?
(8) What will be the weight of heaviest load?
(9) Are all loads up, all down, or both?
(10) Location of all door openings? (See plan below.)
(11) Type of building?
(12) Location of building?
(13) Do state or municipal regulations apply?
(14) Construction of hoistway or enclosure?
(Brick, tile, plaster, wood ceiled, etc.)

LOCATION OF DOORS

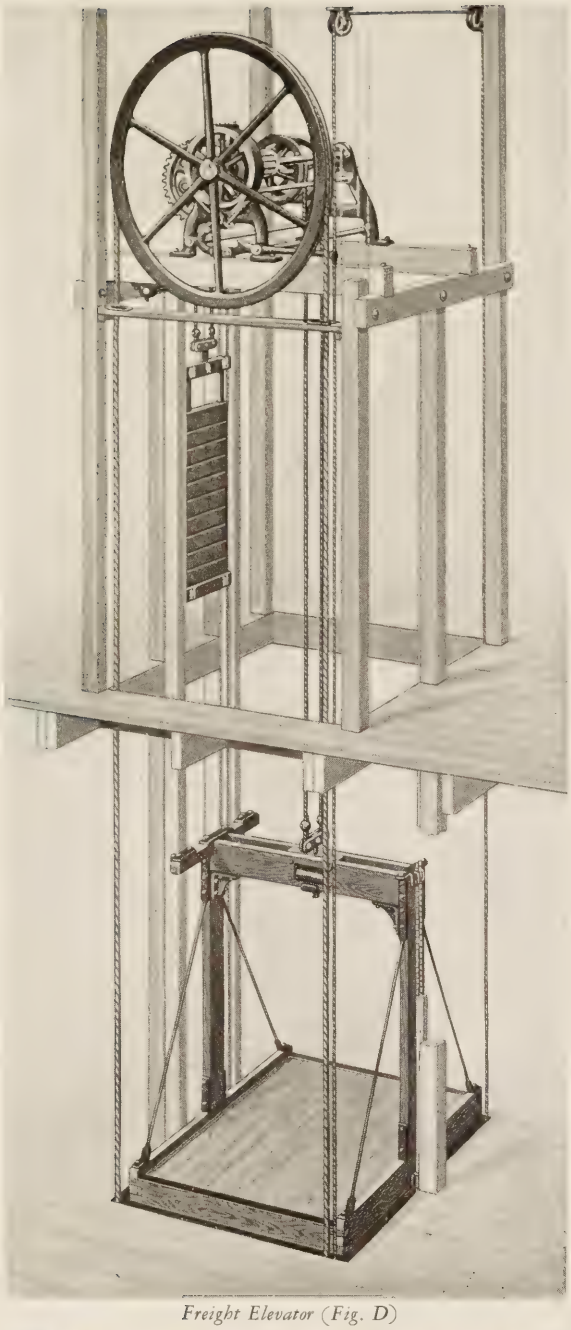
1. Open at front on all floors.
2. Open at front and back.
3. Open at front and R or L, say which.

Side Post Car—Slatted

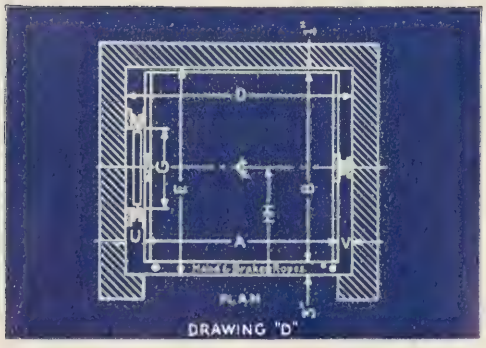


Corner Post Freight Platform

SEDGWICK
Dumb Waiters - Elevators
FOR ALL PURPOSES



Freight Elevator (Fig. D)



Freight Elevators

THE standard arrangement of Sedgwick Hand Power Freight Elevators is shown at left (Fig. D).

Complete outfit includes: Machine, with brake pulleys, rope leaders, and idler wheels to deflect cables to weight.

Side post freight car, strong, well built, well finished and thoroughly ironed; with car shoes, eye bolt and evener.

Adjustable counterweight, with evener, to properly overbalance the car.

Guide runs, for both car and weight, for total height.

Ropes and cables, for total height over all measured from lowest floor to top of hand wheel.

• • •

Capacities named in chart below are the safe working loads.

Cars are regularly 6′3″ high under beam.

Outfits may be arranged to work in less space if necessary.

If more clearance is desired or required, increase headroom above top floor accordingly.

STANDARD DIMENSIONS (DRAWING "D") FOR ELEVATORS OF CAPACITY AS GIVEN

See Drawing "D"	500 lb.	750 lb.	1000 lb.	1200 lb.	1500 lb.	2000 lb.	2500 lb.
A	3′0″	3′6″	4′0″	4′6″	5′0″	6′0″	6′0″
B	3′0″	3′6″	4′0″	4′6″	5′0″	6′0″	6′0″
D	3′8½″	4′3¼″	4′9¼″	5′3¼″	5′10½″	6′11½″	6′11½″
E	3′4″	3′10″	4′4″	4′10″	5′4″	6′4″	6′4″
G	1′4″	1′8″	1′8″	1′8″	1′8 9/16″	2′2 5/8″	2′2 5/8″
U	0′4½″	0′5″	0′5″	0′5″	0′5 5/8″	0′6 5/8″	0′6 5/8″
V	0′4″	0′4¼″	0′4¼″	0′4¼″	0′4 7/8″	0′4 7/8″	0′4 7/8″
Headroom	11′0″	11′4″	11′8″	12′6″	13′0″	13′6″	14′6″

Standard sizes are carried in stock ready for immediate shipment and special outfits can be shipped within one week.

See opposite page for details covering Sedgwick Freight Elevators arranged with various equipment sometimes required by municipal or state elevator and building regulations.

Freight Elevators

(WITH EQUIPMENT TO MEET CODE REQUIREMENTS)

IN some localities certain attachments and extra equipment are required by state or municipal regulations. The more generally used attachments of this nature are shown in illustration at right and include:

Safety Catch.
Enclosed platform.
Wire screen canopy top.
Grating under machine.
Semi-Automatic gates.
Enclosed counterweight.

Special attention must also be given to pit and clearances above car.

Our Service Department will gladly investigate your regulations and submit complete and specific data, blue prints and specifications.

Further explanation of these attachments is given on page 27.

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STANDARD DIMENSIONS FOR SEDGWICK FREIGHT ELEVATORS ARRANGED WITH EXTRA ATTACHMENTS FOR CODE REQUIREMENTS

See Drawing	500 lbs.	750 lbs.	1000 lbs.	1200 lbs.	1500 lbs.	2000 lbs.	2500 lbs.
A	3′0″	3′6″	4′0″	4′6″	5′0″	6′0″	6′0″
B	3′0″	3′6″	4′0″	4′6″	5′0″	6′0″	6′0″
C	6′3″	6′3″	6′3″	6′3″	6′3″	6′3″	6′3″
D	3′11¼″	4′7¾″	5′1¾″	5′7¾″	6′1¾″	7′1¾″	7′2½″
E	3′7″	4′1″	4′7″	5′1″	5′7″	6′7″	6′7″
U	0′7 1/16″	0′8¾″	0′8¾″	0′8¾″	0′8¾″	0′8¾″	0′9¼″
V	0′4 3/16″	0′5″	0′5″	0′5″	0′5″	0′5″	0′5¼″
Y*	0′6″	0′6″	0′6″	0′6″	0′6″	0′6″	0′6″
AA	12′6″	13′0″	13′4″	14′2″	14′8″	15′4″	16′3″
NN	3′4″	3′10″	4′4″	4′10″	5′4″	6′4″	6′4″

*Minimum. Some code requirements specify deeper pits.

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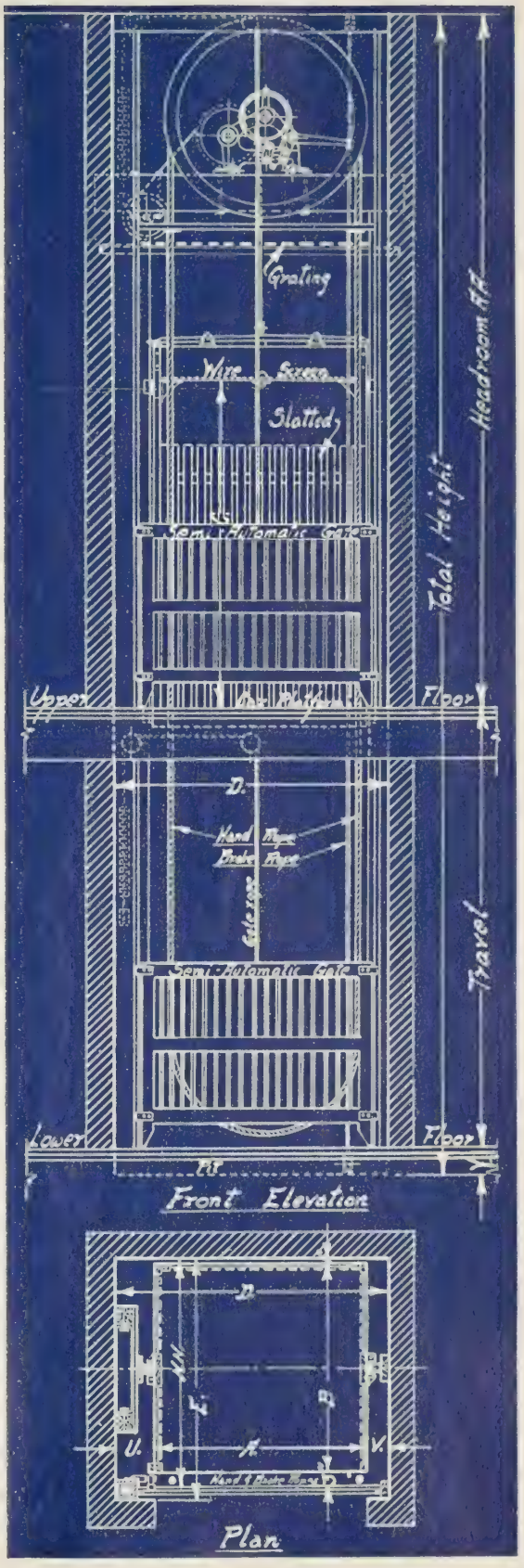
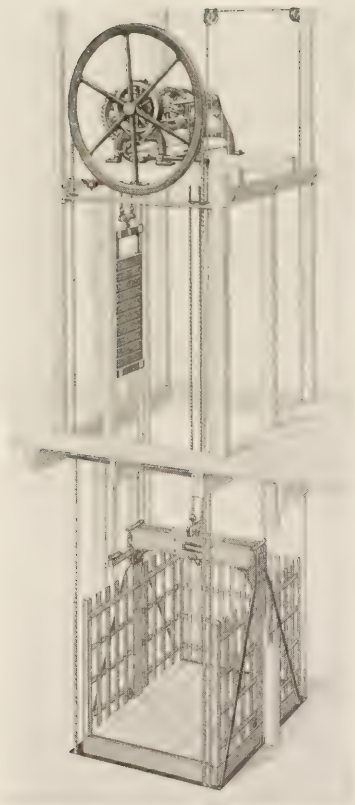
INSTALLATION: Sedgwick Freight Elevators can be installed by local mechanics if our blue prints and directions for erecting are followed accurately. However, we recommend that Sedgwick mechanics make installation whenever possible, as proper installation is very essential.



SEDGWICK
Dumb Waiters - Elevators
FOR ALL PURPOSES



Trunk Lift (Fig. TL)

Trunk Lifts

SEDGWICK Freight Elevators equipped with slatted car as shown in illustration above are widely used as Trunk Lifts in residences, clubs and hotels with very satisfactory and economical results.

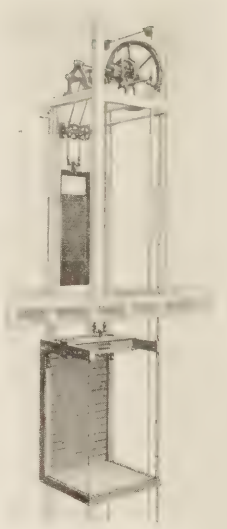
Trunks, furniture, laundry hampers, vacuum cleaners, and other heavy and bulky loads of every description are easily and quickly carried up or down.

The damage to stairs, woodwork, walls and other parts of the house usually injured when such loads are carried up and down the stairs, is averted.

When possible we recommend installation of an outfit having platform approximately four feet square; however, any size can be built and standard sizes as shown in table on page 24 are carried in stock and are ready for immediate shipment.

In addition to the primary purpose for which this lift is designed, the equipment and its hoistway can be converted for Invalid Elevator Service (see page 30) if necessity arises.

Wall Climber Elevators



THESE Elevators differ from any other type elevator chiefly in that guide runs for car and counterweight are at one side only and are frequently desirable where door openings must be located at adjacent sides of the enclosure; and in locations where there is to be no enclosure and where posts and guide runs at more than one side would be objectionable or impossible.

This arrangement may sometimes be substituted for the corner post car as shown at bottom of page 23.

The regular side post freight car shown on page 24, or an enclosed car as shown on page 23, or the special car shown on this page may be used, which-ever is best suited to the work.

Gravity Drops

THIS is a term adopted to distinguish outfits designed for use where the loads are uniformly down.

The Sedgwick Machine Works has such outfits installed for the National Biscuit Co., American Sugar Refining Co., Kirkman Soap Co., Dover Fire Brick Co., and many other firms. These outfits, being designed to suit the general scheme for handling their materials, give more satisfactory results than would anything else.

Sedgwick Gravity Drops are particularly well suited to installation in manufacturing establishments where raw materials are first raised on electric elevators to upper floors of buildings and then are lowered from floor to floor in course of production. This lowering may be more efficiently and economically handled by Sedgwick Gravity Drops in most instances. There is practically no maintenance cost, and the Gravity Drops are usually operated by the person handling the load at upper floor, thus eliminating the need for a special elevator operator.

A descriptive folder will be sent upon request.

Mortuary Elevators

SEDGWICK Mortuary Elevators are built for installation in memorial chapels, undertaking establishments and mortuaries where an economical, safe and efficient lift is required to carry loads from floor to floor.

A large platform is usually necessary but a correspondingly great capacity of equipment, as would be required for general elevator service, is unnecessary.

Sedgwick Mortuary Elevators are regularly built of two types, one arranged with overhead machine similar to Sedgwick Freight Elevators described on page 24; and the other arranged with operating mechanism located on lower floor similar to Sedgwick Sidewalk Elevators as illustrated on pages 34 and 35.

Our Engineering Department will gladly send blue prints, specifications and complete details upon request.

• • •

Paint Frame Hoists

MODERN Theatrical Scenery Studios find the Sedgwick Paint Frame Hoists a decided advantage, convenience, and economy.

These Paint Frame Hoists permit the entire frame, sometimes 40′ to 60′ wide and equally as high, to be moved up or down with very little effort, therefore permitting scenery artists to stand on permanent platform when at work in place of on a narrow movable platform very inconvenient, obsolete and unsuitable for efficient, economical, satisfactory work.

Information on this type of hoist will be gladly furnished upon request.

Explanation of Various Extra Attachments

USED WITH

SEDGWICK HAND POWER ELEVATORS

SAFETY CATCH

A device built in car or platform to prevent car from falling should both cables be allowed to wear out and break. Instantaneous in action.

ENCLOSED PLATFORM

Hardwood slatwork on sides and back of car, as shown in illustration on page 23.

CANOPY TOP

Heavy wire screen cover at top of car.

GRATING

Iron bars or rods built into a frame and securely fastened underneath the overhead machinery.

SPEED RETARDER

A device directly attached to the machine and operated by centrifugal force to limit speed of the car in its descent.

SEMI-AUTOMATIC GATE

A gate which may be opened at any time, but will immediately close again unless car is at that floor.

GATE LOCK

A lock used in connection with the semi-automatic gate to prevent gate being opened unless the car is at that floor.

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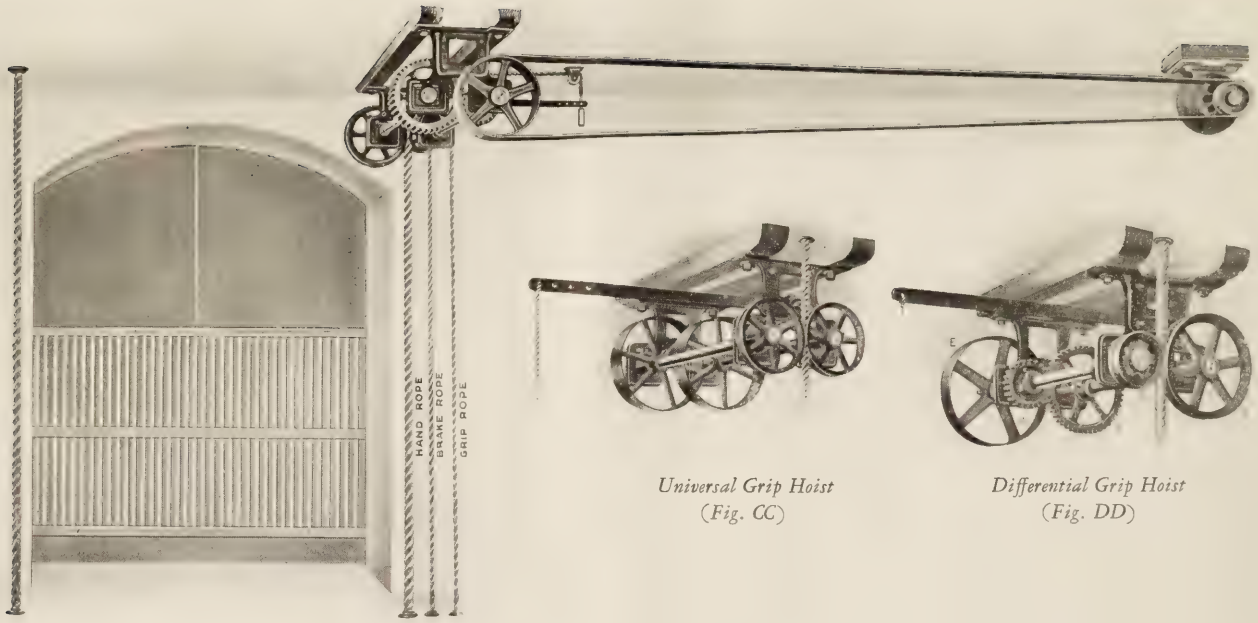
See inside of front and rear covers for complete chart of "Types, Applications and Uses."



Universal Grip Hoist
(Fig. CC)

Differential Grip Hoist
(Fig. DD)

GRIP HOISTS

THE Sedgwick Grip Hoists illustrated are positive in their action and afford an inexpensive means of using power for lifting loads with hand power elevators.

The Gripping Sheaves "C" and "D" clear the hand rope when not in use. By means of the control rope they are forced against the hand rope, when required to lift the load.

When car reaches the desired level, release the control rope and apply the brake.

In lowering, power is not used, simply release the brake and control the speed.

Upon installing the Grip Hoist some prefer to reduce the counterweight sufficiently that even the empty car will descend upon the release of the brake.

The Universal (Fig. CC) is run by two belts (one straight, the other crossed).

The Differential (Fig. DD) has cut gears of highest quality, insuring smooth running and is operated by a single belt.

Both are carried in stock in two sizes: No. 1 will lift 2000 pounds test load on a good elevator; No. 2, 3000 pounds.

These Grip Hoists may be located on floor, ceiling, or joist work.

Not sold for passenger elevators, only for hoisting goods.

If electric motor is to furnish power for operating the Sedgwick Differential Grip Hoist, we recommend a 3 H. P. or 5 H. P. Motor, preferably the latter, with a speed of about 1100 R. P. M. so as to drive 14" belt pulley on grip hoist at a speed of approximately three hundred revolutions per minute.

Automobile Elevators

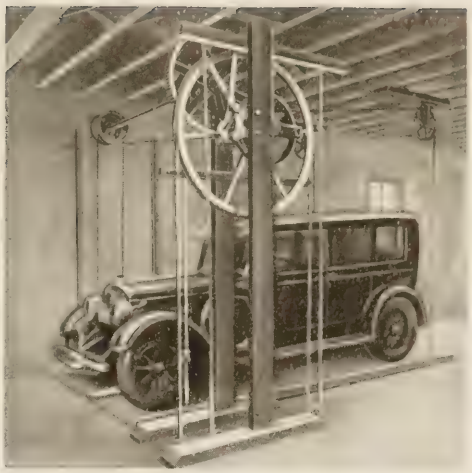
HAND Power Elevators for handling automobiles are frequently desirable where there is not sufficient work to warrant the installation of power elevators, as for example, transportation to the repair department, or a paint shop, or for dead storage, or to a show room.

Elevators of this type are suitable for convention halls, hotels, and other places of gathering where automobile shows are held once or twice yearly and where the exhibition floor or floors are located above or below the street level.

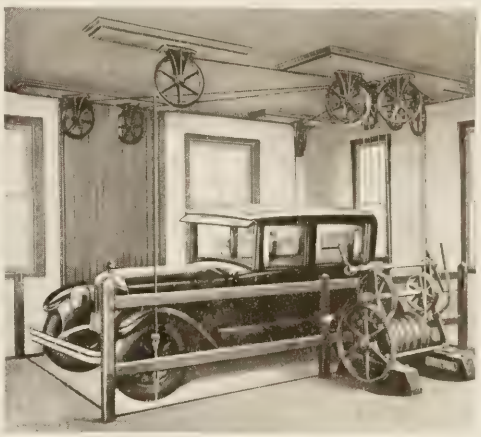
Various arrangements of this equipment permit its use for other purposes than for carrying automobiles, such as in warehouses, furniture establishments and other installations in which heavy loads of large proportions are to be handled.

The Sedgwick Automobile Elevator, like all the Sedgwick Outfits, is strong, simple, and dependable.

The Sedgwick Grip Hoists illustrated on page 28 are frequently used in connection with these outfits, thus permitting the use of power for lifting the loads at comparatively little expense.



Automobile Elevator (Fig. AA)



Crank Geared Automobile Elevator (Fig. BB)

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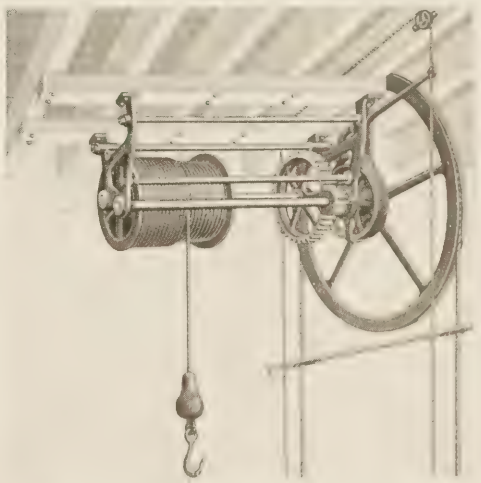
Hatchway or Outrigger Hoists

SEDGWICK Hatchway Hoists (as illustrated) and Sedgwick Outrigger Hoists are designed for hoisting or lowering material with cable or rope, without platform or counterweight.

As an Outrigger Hoist the lifting cable is carried from machine to any desired position by means of an extra sheave.

Strong, smooth running gears, positive band brake, steel shafts, roller bearings, iron drum with turned grooves for cable make the most substantial and satisfactory elevator of the kind.



Hatchway Hoist

Invalid Elevator (Fig. E)

STANDARD SIZES

Car	Space Required	Headroom Required
3′0″ x 3′0″	3′7″ x 3′3″	11′0″
3′6″ x 3′6″	4′1¼″ x 3′9″	11′6″
4′0″ x 4′0″	4′7¼″ x 4′3″	12′0″
4′6″ x 4′6″	5′2″ x 4′9″	12′6″
5′0″ x 5′0″	5′8″ x 5′3″	13′0″

Cars are regularly 6′6″ high inside. Standard sizes can be shipped at once. Special sizes promptly built to meet unusual needs.

Invalid Elevator

WITH AUTOMATIC BRAKE

TO the invalid confined to a single room, or in a wheel chair moving restlessly about an upper floor; to the aged and infirm; to those who cannot or should not climb stairs,—the Sedgwick Invalid Elevator has proved to be a blessing indeed.

Although operated by "hand power" the equipment is so perfectly designed and constructed that a child can operate it with ease and safety.

Over a thousand Sedgwick Invalid Elevators in satisfactory service testify to their convenience and advantages, in fact, the Sedgwick Elevator is usually selected in preference to a more expensive type of elevator for this service when careful consideration and investigation are made of the equipment.

Installations of this particular type of elevator are usually made with far less trouble and much more quickly than anticipated.

In many homes there are seldom-used closets which with minor alterations provide a very suitable shaft or enclosure for elevator.

Our wide experience in this field permits us to design and promptly furnish special equipment required to meet unusual conditions, installations in stairwells, and other problems.

Sedgwick Automatic Brake Invalid Elevators are today giving convenient service in many homes where at first consideration it was thought impossible to install any elevator, but where our own engineers were able to provide solutions which met all needs.

Original cost is the only cost as practically no maintenance expense or attention is required.

Because of the importance of carefully considering the individual requirements of each installation, we urge consultation regarding Invalid Elevators.

• • •

DOORS AND HOISTWAYS

BELIEVING that doors, hoistways, enclosures and other incidental items can be provided, in most cases, to best advantages by local concerns specializing in door building, carpentry and masonry, we do not regularly include such work.

However, in special cases, we will supply this work and are in a position to give materials and workmanship of highest standard.

Mechanical Details

OF INVALID ELEVATOR

THE best principles of approved elevator engineering standards are followed and are supplemented by experience of nearly forty years specialization in the manufacturing and installation of hand power elevator equipment.

(1) The machine includes such features of ease and surety as: machine-cut gears, steel roller bearings, steel shafting, and sturdy, well-designed frames. The Sedgwick Automatic Brake gives smooth, positive action in both directions, holding car stationary except when operator pulls handrope.

(2) The car is of attractive appearance, built from selected hardwood, carefully filled and then surfaced with two coats of best quality water-proof varnish, panelled and fitted with gold-bronze finished wire grilles in sides and back. Cars are regularly finished in natural color, however, where specified, cars can be finished to match surrounding woodwork.

(3) The counterweight is adjustable, permitting exact balancing of constant load carried on elevator.

(4) Guide runs are regularly of seasoned hardwood. On side of hoistway the double set of runs serve to guide counterweight as well as car.

(5) Ropes and cables are of best quality obtainable and are selected for the particular service necessary. Cables are independently secured to car and counterweight, and each is of ample strength to sustain total load.

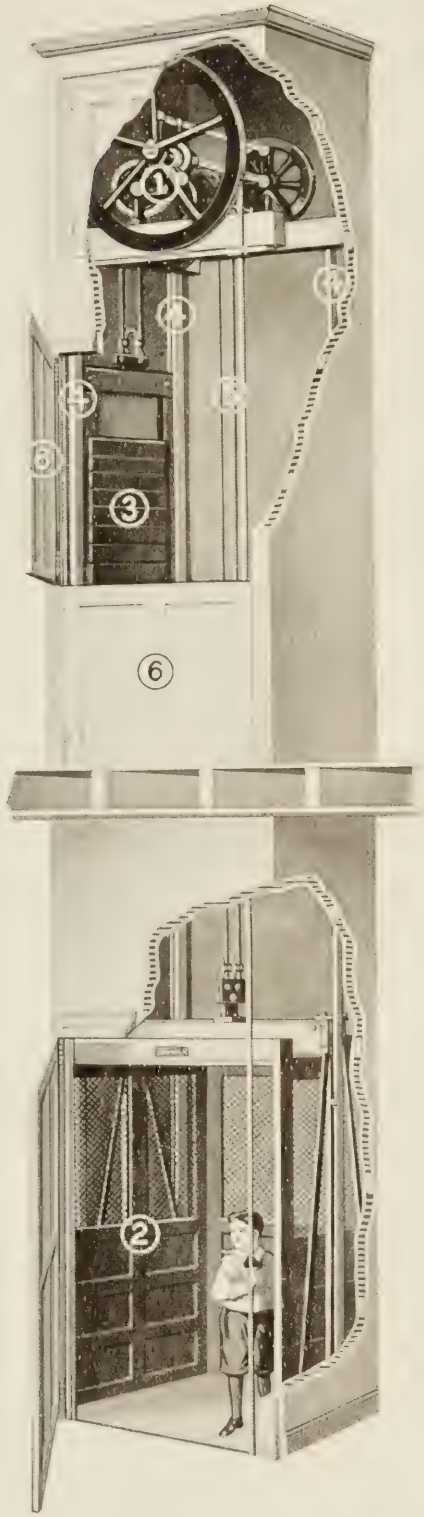
• • •

ENCLOSURE OR HOISTWAY DETAILS AND SUGGESTIONS

Necessary provision for elevator is usually made by local builder or carpenter to whom details of elevator and size of space required are furnished by the Sedgwick Machine Works.

Dutch doors (see No. 6 in illustration) are the best and simplest means of protecting openings into the elevator enclosure. Lower section is usually hung with spring hinges and fitted with secret latch on the side toward the car.

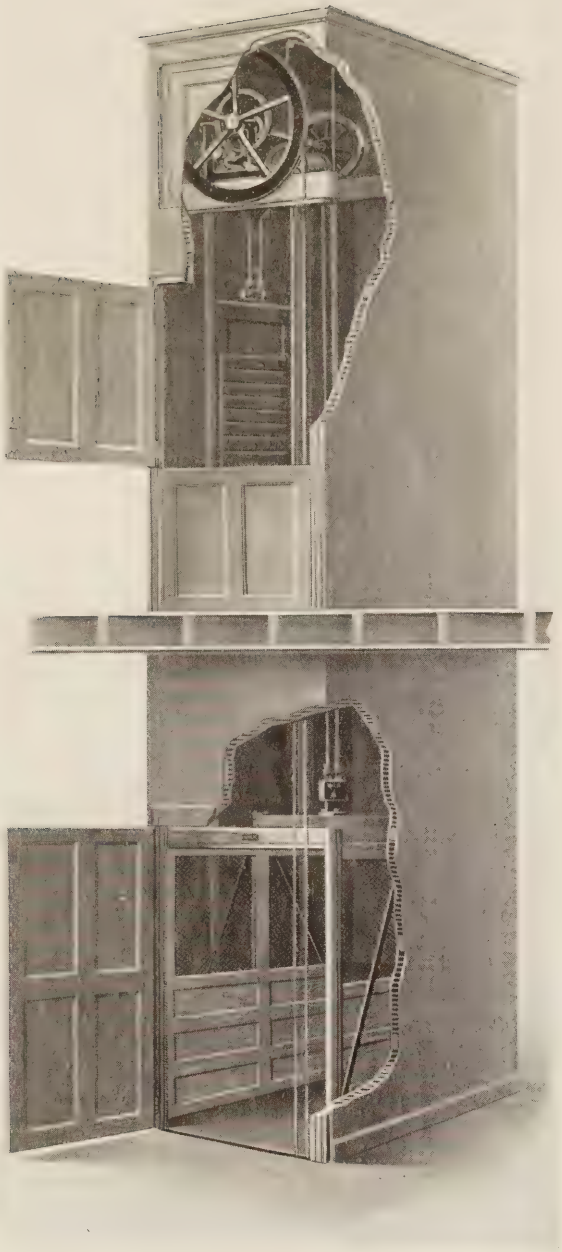
Special booklet and complete details will be sent on request.



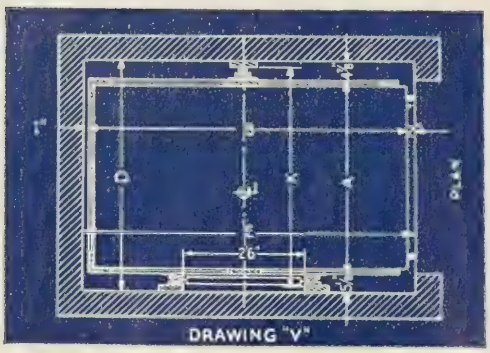
Invalid Elevator Details (Fig. EE

SEDGWICK
Dumb Waiters - Elevators
FOR ALL PURPOSES

Hospital Elevators



Hospital Elevator (Fig. V)



WE have made a study of the problems involved in the design, manufacture and installation of hand power dumb waiters and elevators for hospitals.

If architects and hospital authorities requiring hand power outfits will consult us, we can furnish outfits which, because they are designed especially for the purpose, may be expected to give satisfactory service.

The Sedgwick Hand Power Hospital Elevators are designed with special reference to the practically uniform conditions under which hospital elevators are to be operated.

The primary essential of a satisfactory hand power elevator is dependability and reliability, therefore, it is necessary that the outfit shall be strong, to guard against accident; simple, to prevent getting out of order; and fitted with a powerful and dependable brake so that outfit is always under perfect control of the operator.

The next and equally important essential is ease of operation and reasonable speed.

All of these essentials depend upon proper design, proper material and workmanship and correct installation, which are characteristic of Sedgwick Hand Power Elevator outfits designed for hospital service.

Special circular on this outfit will be sent upon request.

STANDARD SIZES OF SEDGWICK HOSPITAL ELEVATORS (DRAWING "V")

Car		Shaft		
A	B	D	E	K
4′0″	6′6″	4′10″	6′9″	4′6″
4′0″	7′0″	4′10″	7′3″	4′6″
4′0″	7′6″	4′10″	7′9″	4′6″
4′6″	6′6″	5′4″	6′9″	5′0″
4′6″	7′0″	5′4″	7′3″	5′0″
4′6″	7′6″	5′4″	7′9″	5′0″
5′0″	6′6″	5′10″	6′9″	5′6″
5′0″	7′0″	5′10″	7′3″	5′6″
5′0″	7′6″	5′10″	7′9″	5′6″
5′6″	6′6″	6′4″	6′9″	6′0″
5′6″	7′0″	6′4″	7′3″	6′0″
5′6″	7′6″	6′4″	7′9″	6′0″

Sidewalk Elevators

THE Sedgwick Sidewalk Elevator (Type L) illustrated at right is regularly built in two capacities, 500 pounds and 1000 pounds, but may be had in any capacity desired.

The machine is directly connected to heavy T guide rail assuring rigid construction and permanent alignment of all gears. Machine of this type requires minimum space in vault at side of platform. All shaftings are of steel.

Machine is equipped with improved fibre lined band brake which is adjustable to wear and self-locking with final pressure on brake lever, thus holding the platform at any position desired. An additional feature of safety is a pawl lock latch which works automatically in connection with gear. When lowering platform, crank shaft can be thrown out of gear and speed of descent controlled by the band brake.

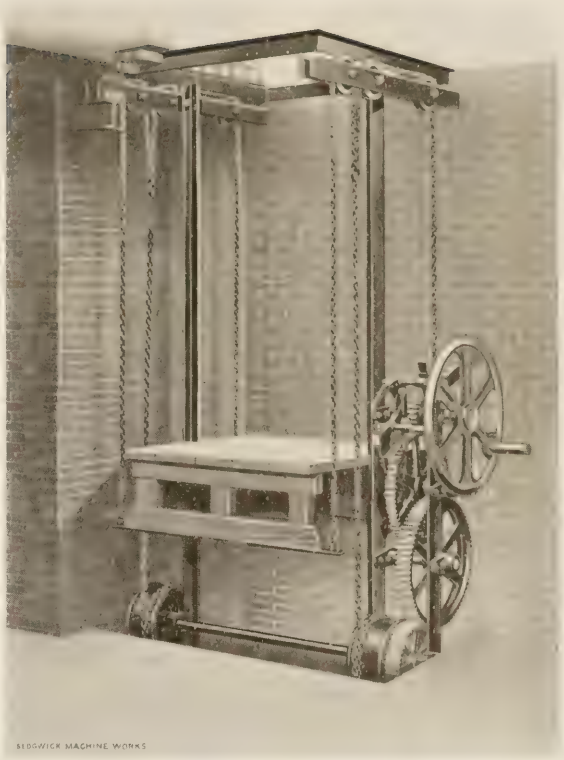
Platform is carried by four heavy iron chains dividing load equally at all corners and thus preventing the tendency of friction and binding in guide shoes and rails when loads are not centered. For hand power sidewalk elevators we have found this principal of four point suspension most satisfactory.

By securing overhead trusses and the drums directly to vertical guides, downward and upward stresses are equalized and centered, resulting in increased ease of operation, durability, permanent alignment, and less load on side walls or supports.

Complete outfit includes: Machine, trusses, drum shaft and drums, bearings, and main gear, two T uprights, platform, chains, and foot plates.

Other types and arrangements of Sedgwick Sidewalk Elevators are shown on following pages.

See note on page 34 covering Code Regulations affecting Sidewalk Elevators.

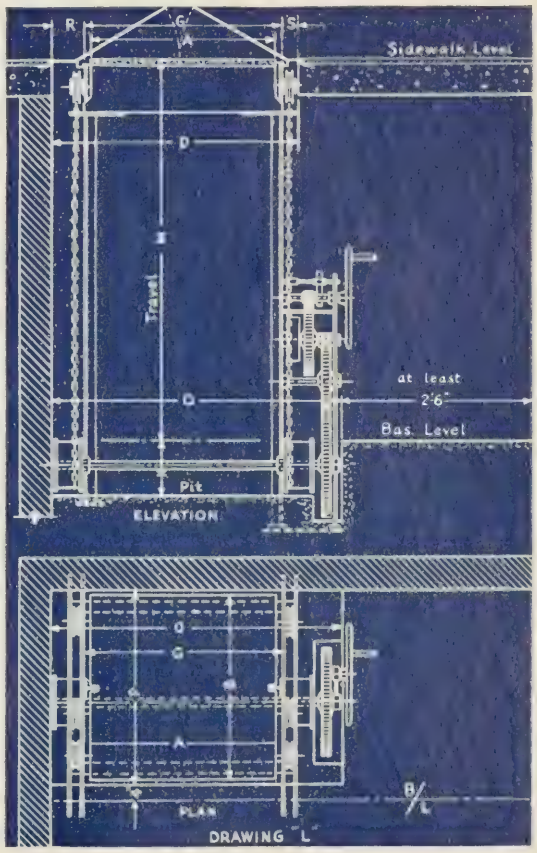


Sidewalk Elevator (Fig. L)

STANDARD DIMENSIONS (DRAWING "L") FOR ELEVATORS OF CAPACITY AS GIVEN

See Drawing "L"	500 lb.	1000 lb.	1500 lb.	2000 lb.	2500 lb.
A	3′0″	3′6″	4′0″	5′0″	5′0″
B	3′0″	3′6″	4′0″	5′0″	5′0″
D*	4′2″	4′9½″	5′3½″	6′3½″	6′4″
G	3′3″	3′9″	4′3″	5′3″	5′3″
M	Travel—basement to sidewalk				
N	1′2″	1′2″	1′2″	1′2″	1′2″
O**	4′11″	5′5″	6′1½″	7′1½″	7′3″
P	3′2″	3′8″	4′2″	5′2″	5′2″
R*	0′8″	0′8″	0′8″	0′8″	0′8″
S	0′3″	0′4½″	0′4½″	0′4½″	0′5″

*For travel of 10 ft. or less—for each 3 ft. or less increase, add 1 ½ in.
**For travel of 10 ft. or less—for each 3 ft. or less increase, add 3 in.



SEDGWICK
Dumb Waiters - Elevators
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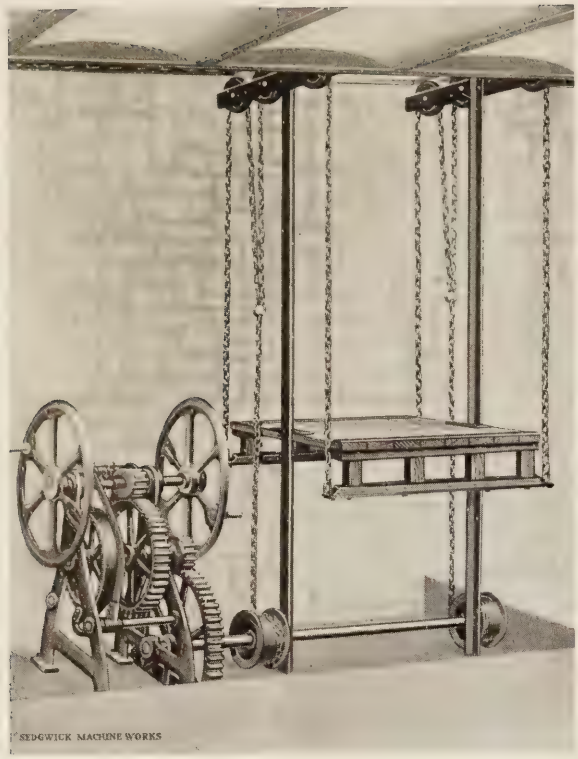
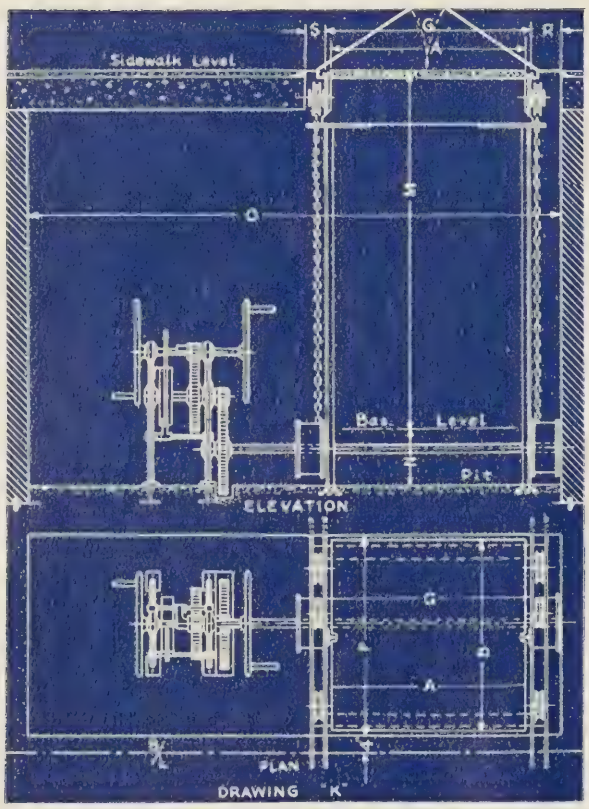


Sidewalk Elevator (Fig. K)



Sidewalk Elevators

THE Sedgwick Sidewalk Elevator (Type K) illustrated at left is built for heavier service than outfit described on previous page, but may be had in any capacity desired.

The machine is an independent unit set in heavy iron frames, thus assuring permanent alignment of the two sets of spur gears.

The powerful Sedgwick "Self-locking" Fibre Lined Band Brake is built as a component part of the machine and holds the platform stationary at any point desired.

The Sedgwick Band Brake is easily adjustable to wear and practically indestructible.

Loads are lowered by gravity and raised with reasonable ease by strong spur geared winding mechanism.

When lowering, crank shaft can be thrown out of gear, so that crank wheel does not revolve, and a slight pressure on the brake lever controls the speed.

We recommend that platform be carried by four iron chains as illustrated in cut; however, if desired cables can be supplied and two point suspension applied.

When required, arch can be mounted on platform to open sidewalk doors.

• • •

CODE REGULATIONS AS APPLIED TO SIDEWALK ELEVATORS

Special study should be made of the local regulations regarding the installation of Sidewalk Elevators as these vary in different localities.

Our Service Department will gladly make a thorough investigation of your requirements and submit complete recommendations, blue prints, and specifications.

STANDARD DIMENSIONS (DRAWING "K") FOR ELEVATORS OF CAPACITY GIVEN

See Drawing "K"	1500 lb.	2000 lb.	2500 lb.
A	4′0″	5′0″	5′0″
B	4′0″	5′0″	5′0″
G	4′2″	5′2″	5′2″
M	Travel—basement to sidewalk		
N	1′2″	1′2″	1′2″
O	11′0″	12′0″	12′0″
P	4′2″	5′2″	5′2″
R*	0′8″	0′8″	0′8″
S	0′4½″	0′4½″	0′5″

*For travel of 10 ft. or less—for each extra 3 ft. or less of travel, add 1½ in.

Sidewalk Elevators

THE Sedgwick Sidewalk Elevator (Type M) as illustrated at right is especially designed for installations where conditions will not permit machine to be located alongside of platform.

Machine can be furnished in any capacity desired and arranged to meet individual conditions. See note on page 34 covering Code Regulations affecting Sidewalk Elevators.

SPECIFICATIONS

To avoid the confusion which might be caused by attempting to submit complete specifications covering the many types and arrangements of Sedgwick Sidewalk Elevators, we recommend that where specification is required immediately, without opportunity to consult us, the following be used:—

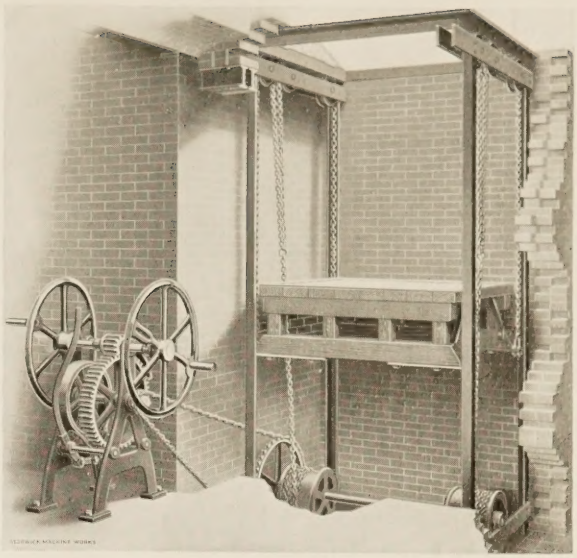
"Furnish (and install) where shown on plans one Sedgwick Sidewalk Elevator Type . . . ., to have a capacity of . . . . lbs., in accordance with the manufacturer's blue prints and specifications which shall be submitted to the architect for approval."

If time permits we will gladly submit detailed specifications and layout covering equipment best adapted to individual conditions and needs.

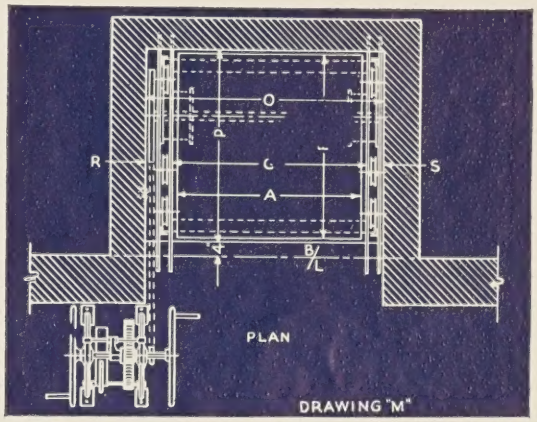
STANDARD DIMENSIONS (DRAWING "M") FOR ELEVATORS OF CAPACITY AS GIVEN

See Drawing "M"	500 lb.	1000 lb.	1500 lb.	2000 lb.	2500 lb.
A	3′0″	3′6″	4′0″	5′0″	5′0″
B	3′0″	3′6″	4′0″	5′0″	5′0″
G	3′2″	3′8″	4′2″	5′2″	5′2″
O	4′1″	4′7″	5′2″	6′2″	6′2″
P	3′2″	3′8″	4′2″	5′2″	5′2″
R	0′7″	0′7″	0′7½″	0′7½″	0′7½″
S	0′4″	0′4″	0′4½″	0′4½″	0′4½″

Pit should be at least 1′6″ deep, with recess at side for sprocket gear.

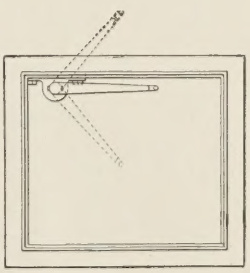


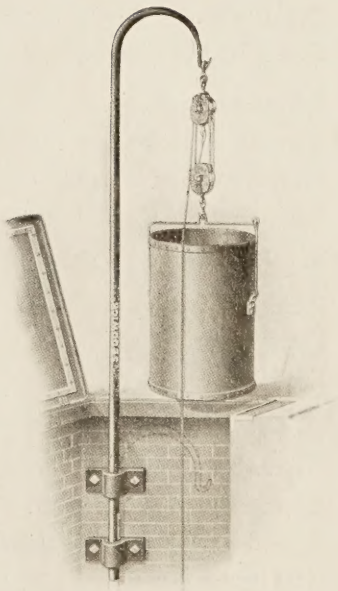
Sidewalk Elevator (Fig. M)



Ash Crane

THE Sedgwick Ash Crane (shown at right) makes a very simple and convenient device with which to hoist cans of ashes. When not in use the Crane is dropped below sidewalk level as indicated in dotted lines. When raised to position shown in cut the Crane may be swung to any position required, thus permitting the cans to be raised without coming in contact with surrounding walls or the hatch combing, and when the cans are above the sidewalk level the Crane may be swung around so as to deposit them upon the sidewalk. We furnish Crane, brackets for supporting same, self-retaining block and fall, also bail for can.





Sedgwick Ash Crane

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Chart of Suggested Uses for Sedgwick Dumb Waiters and Elevators—*Continued*

TYPE OF BUILDING	SERVICE			SUITABLE TYPE OF EQUIPMENT	CONVENIENT SIZE		Complete Details Catalog "R" see page	TYPE OF BUILDING
	Kind of Loads	Average Weight	Capacity Weight		CAR Width Depth	* SHAFT Width Depth		
JAIL	Food service and Supplies	75 lbs.	200 lbs.	Geared Automatic Brake Dumb Waiter	32″ x 28″	37″ x 31″	8	JAIL
LIBRARY	Books	50 lbs.	150 lbs.	Geared Automatic Brake Dumb Waiter	24″ x 20″	29″ x 23″	8	LIBRARY
	Cases of books	75 lbs.	200 lbs.	Geared Automatic Brake Dumb Waiter	36″ x 36″	42½″ x 39″	8	
MARKET	Fruit, Vegetables and Merchandise	75 lbs.	200 lbs.	Geared Automatic Brake Dumb Waiter	32″ x 28″	37″ x 31″	8	MARKET
		75 lbs.	200 lbs.	Geared Automatic Brake Under Counter Dumb Waiter	Two or more Dumb Waiters often installed to facilitate service 32″ x 24″	37″ x 26″	16	
	Merchandise in bulk, Bake Shop Supplies, Meat, Ice, Wheel Trucks	500 lbs.	1500 lbs.	Freight Elevator	60″ x 60″	74″ x 64″	22	
	Merchandise in bulk, Boxes, Crates, Ashes	500 lbs.	1500 lbs.	Sidewalk Elevator	48″ x 48″	62″ x 50″	33	
MERCANTILE ESTABLISHMENT	Packages, Stock, Supplies	Up to 75 lbs.	200 lbs.	Geared Automatic Brake Dumb Waiter	28″ x 24″	33″ x 27″	8	MERCANTILE ESTABLISHMENT
	Order slips, Cash, Checks, Letters	5 lbs.	10 lbs.	Tube Dumb Waiter	12″ x 10″	18″ x 12″	15	
	Stock and shipments in bulk, Fixtures, Furniture	500 lbs.	1500 lbs.	Freight Elevator	60″ x 60″	74″ x 64″	22	
	Stock, Ashes, Fixtures	500 lbs.	1500 lbs.	Sidewalk Elevator	48″ x 48″	62″ x 50″	33	
MORTUARIES & FUNERAL ESTAB.	Caskets	250 lbs.	1000 lbs.	Mortuary Lift (Freight Elevator)	96″ x 48″	110″ x 52″	27	MORTUARIES & FUNERAL ESTAB.
		250 lbs.	1000 lbs.	Mortuary Lift (Sidewalk Elevator)	96″ x 48″	110″ x 52″	33	
MUSIC, RADIO, FURNITURE STORE	Pianos, Phonographs, Radios, Boxes and Furniture	500 lbs.	1500 lbs.	Sidewalk Elevator	66″ x 54″	80″ x 56″	33	MUSIC, RADIO, FURNITURE STORE
		500 lbs.	1500 lbs.	Freight Elevator	72″ x 72″	86″ x 76″	22	
OFFICE	Letters, Checks, Order Slips, Memos	1 lb.	5 lbs.	Tube Dumb Waiter (Not enclosed)	12″ x 10″	18″ x 12″	15	OFFICE
				Rapid Dumb Waiter (enclosed shaft)	16″ x 12″	21″ x 15″		
	Ledgers, Stationery, Office Machines	Up to 50 lbs.	150 lbs.	Geared Automatic Brake Dumb Waiter	32″ x 24″	37″ x 27″	8	
PUBLIC	Records, Supplies, Stationery, Files	Up to 75 lbs.	200 lbs.	Geared Automatic Brake Dumb Waiter	28″ x 24″	33″ x 27″	8	PUBLIC
RESIDENCE	Meal Trays, Linen, Laundry, Waste Baskets	Up to 25 lbs.	75 lbs.	Automatic Brake Dumb Waiter	24″ x 24″ or 28″ x 20″	29″ x 23″ 33″ x 27″	6	RESIDENCE
	Wood and Coal	75 lbs.	150 lbs.	Fuel Lift	28″ x 16″	30½″ x 18″	20	
	Fuel, Vacuum cleaners, Laundry, meal trays, Luggage	75 lbs.	200 lbs.	Geared Automatic Brake Dumb Waiter	32″ x 28″	37″ x 31″	8	
	Logs for Fireplace	150 lbs.	300 lbs.	Log Lift	52″ x 26″	60″ x 28″	21	
	Trunks, Furniture and Laundry Hampers	300 lbs.	1000 lbs.	Trunk Lift	48″ x 48″	55½″ x 52″	26	
	Invalid in chair and Attendant	350 lbs.	1000 lbs.	Invalid Elevator	48″ x 48″	55½″ x 51″	30	
	Occasional Ash Cans	75 lbs.	100 lbs.	Ash Crane		36″ x 36″	35	
RESTAURANT	Food and Dish Service	75 lbs.	200 lbs.	Geared Automatic Brake Dumb Waiter	28″ x 24″ Two or more Dumb Waiters often installed to facilitate service	33″ x 27″	8	RESTAURANT
	Dish boxes, Food Supplies Service trucks	150 lbs.	400 lbs.	Compound Geared Automatic Brake Dumb Waiter	36″ x 36″	42½″ x 39″	12	
	Individual and special food orders	10 lbs.	50 lbs.	Automatic Brake Dumb Waiter	24″ x 20″	29″ x 23″	6	
	Food supplies in bulk, Meat, Flour, Sugar, Butter, Ice, Vegetables, Fish, Boxes, Crates, Ashes	500 lbs.	1500 lbs.	Sidewalk Elevator	48″ x 48″	62″ x 50″	33	
	Syrups, Ice Cream and Fountain Supplies	50 lbs.	150 lbs.	Geared Automatic Brake Under Counter Dumb Waiter	28″ x 16″	33″ x 18″	16	
SCHOOL	Books, Stationery, Milk and Cafeteria Supplies	Up to 75 lbs.	200 lbs.	Geared Automatic Brake Dumb Waiter	32″ x 28″	37″ x 31″	8	SCHOOL
	Book Buses and Food Supplies in bulk	150 lbs.	300 lbs.	Compound Geared Automatic Brake Dumb Waiter	28″ x 36″	34½″ x 39″	12	
	Crates of books, Stationery, Furniture, Ashes	500 lbs.	1500 lbs.	Sidewalk Elevator	48″ x 48″	62″ x 50″	33	
	Occasional Ash Cans	75 lbs.	100 lbs.	Ash Crane		36″ x 36″	35	
SODA FOUNTAIN	Syrups, Ice Cream and Fountain Supplies	50 lbs.	150 lbs.	Geared Automatic Brake Under Counter Dumb Waiter	28″ x 16″	33″ x 18″	16	SODA FOUNTAIN
	Sandwich and Special Orders	1 lb.	10 lbs.	Tube Dumb Waiter	10″ x 8″	16″ x 10″	14	
	Pastry, Cakes, Individual Orders	10 lbs.	35 lbs.	Automatic Brake Under Counter Dumb Waiter	26″ x 13″	31″ x 15″	16	
STUDIO (Stage—Film)	Scenery on Paint Frames	500 lbs.	2000 lbs.	Paint Frame Hoist	To Suit Requirements	No Shaft	27	STUDIO (Stage—Film)
SWIMMING POOLS—BATHS	Towels and Bathing Suits	75 lbs.	200 lbs.	Geared Band Brake Dumb Waiter	32″ x 28″ Metal car if required	37″ x 31″	11	SWIMMING POOLS—BATHS
TEA ROOM	Food and Dish Service	50 lbs.	150 lbs.	Geared Automatic Brake Dumb Waiter	28″ x 24″	33″ x 27″	8	TEA ROOM
THEATRE	Trunks, Equipment and Costumes	500 lbs.	1500 lbs.	Freight Elevator	60″ x 60″	74″ x 64″	22	THEATRE
WELFARE (Y.M.C.A., etc.)	Food Service, Linen and Laundry, Garbage and Waste	Up to 75 lbs.	200 lbs.	Geared Automatic Brake Dumb Waiter	28″ x 24″	33″ x 27″	8	WELFARE (Y.M.C.A., etc.)
	Trunks, Furniture, Laundry Trucks, Hampers, Supplies	300 lbs.	1000 lbs.	Trunk Lift	48″ x 48″	55″ x 52″	26	
	Ashes, Waste, Refuse	500 lbs.	1000 lbs.	Sidewalk Elevator	48″ x 48″	62″ x 50″	33	
	Occasional Ash Cans	75 lbs.	100 lbs.	Ash Crane		36″ x 36″	35	

*Shaft dimensions shown are for single face car when all door openings are on the same front.
If openings are on opposite fronts add 1″ to depth for double face outfit.
If openings are on adjacent fronts, special shaft size should be obtained for corner post outfit.

SEDGWICK MACHINE WORKS, 150 West 15th Street, New York

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